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Disco SEEDS

for
Farm and
Garden
1937



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U. S. Department of Agriculture

Clarkia, Disco Novelty
Mixture, Pkt., 10c
See Page 15

30th

Anniversary Catalog

DAKOTA IMPROVED SEED COMPANY
EMMETSBURG, IOWA



Grow More Vegetables . . .

Here is a collection of vegetables everybody likes. All fresh, new season seeds, of good germination and true to type—each and every item a BEST variety in its class. Just right for the average home garden. Put up ready to mail so we cannot substitute.

**Have Them FRESH
From Your Garden**

Disco 30th Anniversary

SPECIAL DOLLAR COLLECTION

		Postpaid
1/2 Lb. Beans, Golden Waxpod	1	\$0.20
1 Pkt. Beet, Detroit Dark Red	2	.05
1 Pkt. Cabbage, Copenhagen Market	3	.05
1 Pkt. Cabbage, Danish Ballhead	4	.05
1 Pkt. Carrot, Chantenay	5	.05
1/2 Lb. Sweet Corn, Golden Bantam	6	.20
1 Pkt. Sweet Corn, Hybrid Golden Bantam	7	.10
1 Pkt. Cucumber, Chicago Pickling	8	.05
1 Pkt. Cucumber, Long Green Improved	9	.05
1 Pkt. Lettuce, Grand Rapids	10	.05
1 Pkt. Muskmelon, Milwaukee Market	11	.05
1 Pkt. Watermelon, Fordhook Early	12	.05
1 Pkt. Onion, Assorted Varieties	13	.05
1/2 Lb. Peas, American Wonder	14	.20
1 Pkt. Parsnip, Hollow Crown	15	.05
1 Pkt. Radish, Assorted Varieties	16	.05
1 Pkt. Spinach, Bloomsdale	17	.05
1 Pkt. Squash, Improved Hubbard	18	.05
1 Pkt. Tomato, Earliana	19	.05
1 Pkt. Turnip, Purple Top White Globe	20	.05

Twenty Different Vegetables \$1.50

Regular \$1.50 Value for \$1.00 Postpaid—Order Today!



OUR NEW BUILDING AT MITCHELL, SOUTH DAKOTA

Thirty Years of Steady Progress

What is the underlying cause of business expansion? The answer undoubtedly is—the attitude of those customers whom it strives to serve. During the past 16 years we have had to increase our equipment, our storage, loading and unloading facilities by no fewer than five major additions. We thank each and every one of our customers whose increased patronage and recommendations to their friends and neighbors has rendered necessary and made possible these improvements and additions and we now very humbly and at the same time proudly say “Thank you.” Today on our 30th anniversary we are better equipped than ever to serve you.

Successful Building

Success in the minds of many people is associated with good luck, for some reason or another. They hold good fortune responsible for most of the successes they see or hear of. Now this may be so in the case of spectacular success, the nine days wonder, that falls almost as quickly as it rose. Solid and lasting success, whether in business or on the farm, must be built on the sure foundation of integrity of purpose, constant association with progress, with the cornerstone “Whatsoever things are of good report.”

Dakota Improved Seed Co.

By Richard Burn,
President.

MEMBERS

American Seed Trade Association
Western Seedmen's Association
South Dakota Seedmen's Association
South Dakota Crop Improvement Association

BANK REFERENCES

Mitchell National Bank, Mitchell, South Dakota
The Central Savings Bank & Trust Company,
Emmetsburg, Iowa
First National Bank and Trust Company,
Minneapolis, Minnesota

POSTAGE PAID on all Vegetable and Flower Seeds unless otherwise stated. Orders for Alfalfa, Corn, Grasses and everything else listed in our book if required by parcel post must have postage added.

THE DAKOTA IMPROVED SEED COMPANY GIVES NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS IT SELLS AND WILL NOT BE RESPONSIBLE FOR THE CROP.



OUR BUILDING AT EMMETSBURG, IOWA

Beautiful Chinese Elm or Iris Roots

« « « « « Absolutely Free! » » » » »



BEFORE PLANTING



FOUR YEARS AFTER PLANTING



OUR IRIS IN BLOOM AT MITCHELL

With every \$2.00 order Vegetable and Flower Seeds or all \$10.00 orders Field Seeds, Seed Corn, etc. (excepting Grain), we are giving away.

Two Chinese Elms
(delivered in spring) 3 feet to 4 feet high.

Six Vigorous, Healthy Iris Roots
(delivered in fall, 1937).

These Elms and Iris have been raised in our own gardens at Mitchell. They are, consequently, hardy and eminently suited to our climate.

We have hundreds available but we anticipate our entire stock being rapidly cleared when this offer will be withdrawn.

You Must Act Promptly

Don't neglect to check your choice on the order blank.

The Chinese Elm is the fastest growing shade tree and thrives with less moisture than any quick growing tree we know of. Very useful for hedges or screen or windbreak planting. We are anxious to encourage every farmer in the country to plant them. That is the reason we are giving them away free with orders, and as a further inducement we are offering our present stock while they last at the undernoted very low prices.

	18-24 in.	2-3 ft.	3-4 ft.
Chinese Elms...	\$12.00	\$18.00	\$30.00 per 1000
	1.50	2.25	3.50 per 100

F. O. B. Mitchell, South Dakota

Hansen Bush Cherry

The New, Quick-Bearing Cherry—So Easy to Grow, So Sure to Produce

Highly Productive—Good Flavor—Hardy Everywhere

Hansen Bush Cherries are the result of nearly 40 years of untiring selection work by the great plant wizard, Prof. N. E. Hansen of South Dakota State College at Brookings

Plant These Hansen Bush Cherries Because:

- 1—They are so easy to grow and are perfectly hardy everywhere.
- 2—Are good to eat fresh, and make delicious preserves.
- 3—Bear from the ground up, early, heavy, and annually.
- 4—Are dwarf growing, bushy, and take up little room.
- 5—Excellent for hedges, ornamental shrubs and erosion control.

New Reduced Prices on Hansen Bush Cherries

Postpaid

All Heavy, Well Branched, Strong Rooted, Bushy Trees

Size	Each	Per 3	Per 6	Per 12
Large	\$.40	\$1.00	\$1.75	\$3.25
Medium .....	.30	.75	1.25	2.25
Small .....	.20	.50	.85	1.50

FRUITS IN ONE YEAR!

EXTRA SPECIAL!!!

Large Three-Year Old
BUSH CHERRIES

Ready to Bear This Year
Prices, Postpaid

55c Each; 2 for \$1.00

Disco Vegetable Seeds



Martha Washington

Disco Vegetable Seeds are produced for us by selected growers who supply true to type seed of the highest quality. Each lot of seed is tested and only seed showing high germination is sold. This is the basis of our assurance that you will be fully satisfied with Disco Vegetable Seeds. For your convenience seeds may be ordered by number.

DISCO ASPARAGUS

12 MARTHA WASHINGTON—A prolific, rust-resistant strain of one of the earliest spring vegetables. The plants form large shoots with closely folded tips. The stalks can be cut the second year.

Treat your Vegetable Seeds with Semesan before planting

DISCO BEANS

DWARF BUSH VARIETIES

- 20 GOLDEN WAX IMPROVED**—Early, rust-resistant, bears a heavy crop of stringless, brittle, fleshy beans, pods about 8 inches long.
- 21 DISCO KIDNEY WAXPOD**—A yellow podded bean, 6 to 8 inches long, stringless and brittle. (For colored illustration, see back cover.)
- 22 PENCIL POD BLACK WAX**—The best of the dwarf wax varieties, its plants bear generously for a long period, yellow, stringless, brittle 5½ to 7 inch pods which are unexcelled in quality.
- 23 DAVIS WHITE KIDNEY WAX**—The pods are light yellow, about 7 inches long, tender when young, but become somewhat fibrous and stringy later in the season. These white beans are excellent for baking.
- 24 RED KIDNEY**—Produced in broad, flat pods 6 to 7 inches long, used almost exclusively for baking and soup.
- 31 DISCO STRINGLESS GREENPOD**—One of the most popular greenpod bush beans, the plants are large, producing thick, tender pods 5½ inches long.
- 32 BOUNTIFUL STRINGLESS**—A hardy, early and prolific bearer of brittle, long light green pods.

Use Order Sheet at Back of Book

POLE OR CLIMBING VARIETIES

- 42 KENTUCKY WONDER or OLD HOMESTEAD**—The favorite green pole bean, an excellent climber, and a heavy producer of fleshy, tender, brittle 9 to 10 inch pods, which grow in clusters.
- 43 KENTUCKY WONDER WAX**—An all-season bean, having thick, almost straight 8 to 9 inch light yellow, brittle stringless pods of good flavor.



Disco Stringless Green Pod

POSTPAID PRICES

DISCO ASPARAGUS					
	Pkt.	Oz.	¼ Lb.	Lb.	
12 Martha Washington....	.05	.10	.25	.75	
DISCO BEANS					
	Pkt.	½ Lb.	Lb.	3 Lb.	5 Lb.
20 Golden Wax Improved	.05	.20	.30	.80	1.00
21 Disco Kidney Waxpod	.05	.20	.30	.80	1.00
22 Pencil Pod Black Wax	.05	.20	.30	.80	1.00
23 Davis White Kid. Wax	.05	.20	.30	.80	1.00
24 Red Kidney.....	.05	.15	.27	.70	1.00
31 Disco Strngls Grnpd..	.05	.20	.30	.80	1.00
32 Bountiful Stringless....	.05	.20	.30	.80	1.00
42 Kentucky Wonder or					
Old Homestead.....	.05	.20	.30	.80	1.00
43 Kent. Wonder Wax.....	.05	.20	.30	.80	1.00

LIMA BEANS

49 HOPI VINING (New)—A new bean discovered a few years ago growing in the Hopi Indian Reservation in northern Arizona, at an altitude of 6,000 feet. Adapted for growing anywhere in the northwest, will do well wherever Henderson Bush Lima will grow. Does not belong to the same botanical family as other beans, and as a consequence is not subject to the usual bean diseases and can be eaten by those who cannot enjoy other beans. Can be used either green or dry, very prolific. We recommend a trial.

53 HENDERSON'S BUSH—This early, medium sized plant produces an abundance of 3 inch pods containing 3 to 4 beans. Its popularity for canning increases its value in a garden.

FIELD or SHELL BEANS—See page 26.



Hopi Vining Limas

DISCO TABLE BEETS

71 DETROIT DARK RED—A symmetrical globe-shaped root, uniform in color. The flesh is fine grained, exceptionally sweet, and remains tender until the roots are full grown. It is recommended as the best beet for all purposes.

73 EARLY BLOOD TURNIP—This differs from Detroit Dark Red Beets in having top shaped roots, and the sweet, red flesh is ringed with pink. The tops are medium sized. (Illustrated in colors on back cover.)

DISCO SUGAR BEETS OR HALF SUGAR MANGEL

Mangels make a splendid winter feed for cattle, sheep, hogs, and poultry as they are high in feeding value, and increase the value of other feeds when fed in combination. They yield very well, are easily harvested, and may be stored and kept in good condition until spring.

Don't Forget to Treat with Semesan



Detroit Dark Red

SUGAR BEET

740 GIANT GREEN TOP WHITE—Rich in sugar, much relished by stock.

741 GIANT GREEN TOP ROSE—Similar in quality to Giant Green Top White.

MANGEL WURZEL

730 GIANT YELLOW INTERMEDIATE GATEPOST—Very large, and nutritious for stock.

732 SELECT MAMMOTH OR GIANT LONG RED—The largest of the Mangels, yielding from 30 to 50 tons per acre.

DISCO BRUSSELS SPROUTS

100 DALKEITH—The stalks are clustered about by from 50 to 100 buds, 1¼ to 1½ inches in diameter. While a member of the Cabbage family, the flavor is more delicate than that of Cabbage. It matures best in Autumn, and is available after most other green vegetables are out of season.

For Convenience Seeds May be Ordered by Number

POSTPAID PRICES

BEANS—Cont.		Pkt.	½ Lb.	Lb.	3 Lb.	5 Lb.
49	Hopi Vining Lima....	.05	.20	.30	.80	1.10
53	Hendersn's Bu. Lima	.05	.20	.30	.80	1.10
DISCO TABLE BEETS				Pkt.	Oz.	¼ Lb.
71	Detroit Dark Red.....			.05	.10	.20
73	Early Blood Turnip.....			.05	.10	.20
DISCO SUGAR BEETS OR HALF SUGAR MANGEL				Oz.	¼ Lb.	½ Lb.
				Lb.		
740	Giant Green Top White....	.10	.15	.25	.45	
741	Giant Green Top Rose.....	.10	.15	.25	.45	
MANGEL WURZEL						
730	Giant Yellow Intermediate Gatepost .....	.10	.15	.25	.45	
732	Select Mammoth or Giant Long Red .....	.10	.15	.25	.45	
DISCO BRUSSELS SPROUTS				Pkt.	Oz.	
100	Dalkeith .....			.05	.20	



Early Jersey Wakefield

DISCO CABBAGE

- 110 DISCO ALPHA**—The most desirable variety for first planting. The small heart shaped heads are very solid.
- 111 EARLY JERSEY WAKEFIELD**—The most widely known and popular of the conical shaped Cabbages. An early variety, the heads are hard, small, and compact, about 8 inches long, 5 inches near the base, weigh from 2 to 2¼ pounds.
- 112 EARLY WINNIGSTADT**—The heart shaped heads of this early, hardy variety average 5 pounds. Particularly valuable for shipping, as well as for home use. Its dark green leaves are very resistant to cold, wet weather and insects.
- 113 COPENHAGEN MARKET**—The largest producer of Cabbage per acre, heads average 3½ to 4 pounds, and are round, compact, of excellent quality, the interior being a clear white. Especially satisfactory for kraut and for early marketing.
- 115 FLAT DUTCH**—An unusually hardy variety which may be left later in the ground than most Cabbage. The heads are large, flattened on top, and firm.
- 116 DANISH BALLHEAD**—The best late Cabbage since it will keep perfectly in storage until late spring, is firm, solid and tender. The 7 to 8 pound heads are excellent for boiling or cold slaw.
- 118 GOLDEN ACRE**—Of the round or ballhead type this is the best early Cabbage for both home and market use. The uniform, tightly folded heads weigh about 3 pounds.
- 130 RED DUTCH DWARF**—A pickling variety which may be planted early, producing a medium sized round head.
- 140 SAVOY DWARF GREEN CURLED**—The curled outer leaves inclose a quite green and solid heart. It will stand 20 degrees of frost, and remain without harm for a long time on the ground.
- 150 CHINESE (PE TSAI) CELERY CABBAGE**—Resembles Cos Lettuce, but has a decided Cabbage flavor.

for better vegetables

VIGORO
Complete plant food

DISCO CARROTS

- 160 CHANTENAY**—A popular early type, as well as being grown extensively for winter storage. The roots measure 5½ to 7 inches, tapering towards the bottom to become stump rooted. Tender, fine, sweet flesh, rich orange in color.
- 161 DANVERS HALF LONG**—A favorite main crop or late Carrot. Similar to Chantenay in appearance, excellently flavored.

- 162 EARLY SCARLET HORN**—An attractive early type for home and market use. The blunt roots are 3 by 1½ inches, and have small tops. Tender, crisp, and fine grained.
- 163 OXHEART or GUERANDE**—An excellent second early sort for home use or stock feed. Heart shaped, 4½ to 5 inches long, bright orange, easily harvested, keeps well, and has a delicate and sweet flavor.
- 165 DISCO CORELESS**—Our most deliciously flavored Carrot, it is also free of woody heart and core. Handsomely colored a deep orange hue, it grows about 6 inches long, 1½ inches in diameter. Its superior quality merits its wide use.
- 164 ST. VALERY LONG RED**—Suitable for field culture, a good winter keeper. Roots 10 to 12 inches long, smooth, bright red in color, flesh tender and sweet.

FIELD CARROTS

- 751 LONG RED SURREY**—Suitable for table use, and recommended for stock when fed with corn and fodder. A heavy yielder with very little core.



Chantenay Carrot

Danver's Half Long

POSTPAID PRICES

DISCO CABBAGE		Pkt.	Oz.	¼Lb.
110	Disco Alpha .....	.05	.25	.65
111	Early Jersey Wakefield.....	.05	.20	.60
112	Early Winnigstadt .....	.05	.20	.60
113	Copenhagen Market .....	.05	.25	.65
115	Flat Dutch .....	.05	.15	.45
116	Danish Ballhead .....	.05	.25	.75
118	Golden Acre .....	.05	.25	.75
130	Red Dutch Dwarf.....	.05	.25	.75
140	Savoy Dwarf Green Curled.....	.05	.25	.65
150	Chinese (Pe Tsai).....	.05	.15	.45
DISCO CARROTS		Pkt.	Oz.	¼Lb.
160	Chantenay .....	.05	.10	.30
161	Danvers Half Long.....	.05	.10	.30
162	Early Scarlet Horn.....	.05	.10	.30
163	Oxheart or Guernande.....	.05	.10	.30
165	Disco Coreless .....	.05	.15	.35
164	St. Valery Long Red.....	.05	.10	.30
DISCO FIELD CARROTS				
751	Long Red Surrey .....	.05	.10	.30

DISCO CAULIFLOWER

171 EARLY SNOWBALL, EXTRA SELECTED—

The solid, snow-white heads, superb in quality, weigh about 2 pounds. A good keeper. One of the best for the Northwest.

SPECIAL PRICES GIVEN TO MARKET GARDENERS and others who use large quantities of Garden Seeds. Please write us if interested in Quantity Prices.

DISCO CELERY

180 GIANT PASCAL—Very desirable for home and market garden. The stalks are about two feet high, thick, brittle and stringless. Being a late variety it is a fine winter keeper. The flavor is delicious.

DISCO SWEET CORN

Sweet Corn is far superior in flavor and quality to Field Corn. You will enjoy a real treat at little extra expense when you plant one or several varieties of Disco Sweet Corn.

YELLOW VARIETIES

219 GOLDEN GEM—The earliest corn known, it has dwarf stalks which produce usually 2 ears 6 to 8 inches long, with 8 to 10 rows of tender, fine flavored kernels.

221 GOLDEN BANTAM—For many years Golden Bantam has been acclaimed the best sweet corn, and it is now the largest selling variety, primarily because of its delicious flavor unequalled by any other sweet corn, and its tender, deep kernels. The ears are from 6 to 8 inches long and 8 rowed.

224 WHIPPLE'S EARLY YELLOW—Similar in quality to Golden Bantam, it is earlier and larger, often having 14 to 18 rows of excellent flavored kernels on 9 inch ears. Its use is increasing every year as it is proving very profitable for market purposes.

235 SUNSHINE—The nearest approach in quality to Golden Bantam, is 10 days earlier, and also larger.

231 BANTAM EVERGREEN—When Golden Bantam and Stowell's Evergreen are crossed the result is Bantam Evergreen, an outstanding medium, late variety with large ears, sweet golden kernels.

232 HYBRID GOLDEN BANTAM—The most profitable and most desirable sweet corn because it has the flavor of ordinary Golden Bantam, together with the further advantage that it will outyield it two or three times. It is larger and matures about a week later than Golden Bantam. Our strain is secured from the original Purdue Agricultural Experiment Station. If you haven't tried Hybrid Golden Bantam we suggest that you do, as the increased yield will more than compensate for the slightly higher price of the seed. As this hybrid will mature practically all at one time we recommend planting at intervals.

WHITE VARIETIES

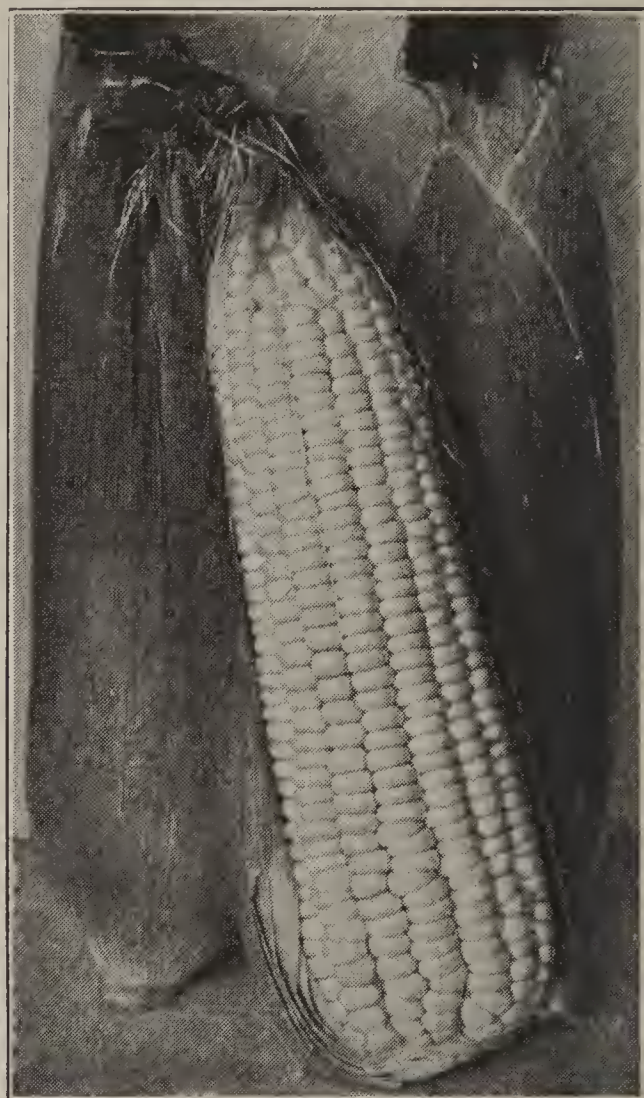
222 DISCO FIRST AND BEST—For an early white corn we highly recommend this. The long ears have from 8 to 10 rows of large white kernels. A large producer, used for both home and market gardens.

223 EARLY MAMMOTH WHITE CORY—One of the earliest and best of all extra early sweet corn. Ears 10 to 12-rowed; 7 to 8 inches long; very sweet, tender and white.

228 COUNTRY GENTLEMAN—A heavy yielding late variety, distinguished by its irregular rows of kernels which are sweet and tender.

229 STOWELL'S EVERGREEN—Its superior quality has made this a standard late variety for gardeners everywhere, and is the white sweet corn in greatest demand. The ears are 8 inches long, 14 to 20 rowed, with deep white kernels, sweet and tender. Since it is very productive and remains in table condition for a long time it is valuable for canning and market use.

Treat Sweet Corn with Semesan Jr.



Stowell's Evergreen

POSTPAID PRICES

DISCO CAULIFLOWER		Pkt.	1/4 Oz.
171	Early Snowball .....	.10	.45

DISCO CELERY		Pkt.	1/2 Oz.
180	Giant Pascal .....	.05	.15

DISCO SWEET CORN—Yellow					
	Pkt.	1/2 Lb.	Lb.	3 Lbs.	5 Lbs.
219 Golden Gem .....	.05	.25	.40	1.10	1.50
221 Golden Bantam .....	.05	.20	.30	.85	1.25
224 Whipple's E Yel.....	.05	.20	.30	.85	1.25
235 Sunshine .....	.05	.20	.35	1.00	1.35
231 Bantam Evergreen ..	.05	.20	.35	1.00	1.35
232 Hy Golden Bantam....	.10	.25	.45	1.25	2.00

DISCO SWEET CORN—White					
	Pkt.	1/2 Lb.	Lb.	3 Lbs.	5 Lbs.
222 Disco First and Best	.05	.20	.35	1.00	1.35
223 Early Mammoth					
White Cory .....	.05	.20	.35	1.00	1.35
228 Country Gentleman....	.05	.20	.35	1.00	1.35
229 Stowell's Evergreen..	.05	.20	.35	1.00	1.35

DISCO POP CORN

233 JAPANESE WHITE HULLESS—A dwarf variety with thick, short ears, 3 to 4 inches long, popped kernels exceedingly tender, finest quality, free of hard centers and hulls. It is the best white variety, and has displaced White Rice.

234 T. N. T. (South American)—The kernels are very large, sometimes measuring one inch in diameter when popped, tender and delicious. Large ears, yields very high.

237 GOLDEN MAGIC (Yellow Pearl)—Similar to T. N. T., but superior because the kernels are deeper, the volume of popped corn to the pound is greater, and it is even more tender and hullless than T. N. T.

DISCO CUCUMBERS

Cucumbers have probably been in use for thousands of years, and are one of the first vegetables in known cultivation. White spine refers to the color of the spine and indicates a white color at maturity, while black spine indicates that the cucumber will be yellow when mature.

239 EARLIEST OF ALL (White Spine)—A dark green, prolific type, about 7½ by 2½ inches. A good variety for shipping.

240 EXTRA EARLY RUSSIAN (Black Spine)—The earliest and smallest cucumber we offer, measuring about 5 by 2½ inches. Used mainly for pickling. The vines are hardy and productive.

241 EARLY FORTUNE (White Spine)—Especially recommended for shipping. It holds its attractive green color very well, is productive, good for slicing, measure about 8 by 2½ inches. (Illustrated in natural color on back cover.)

242 CHICAGO PICKLING (Black Spine)—The favorite pickling variety for home and factory. An early, small variety, tapering slightly at the ends, uniform in size and shape, 6 inches by 2½ inches. Unusually productive, disease resistant, crisp and good flavored.

244 EXTRA LONG WHITE SPINE (White Spine)—An excellent midseason cucumber that measures from 11 to 12 inches in length. The dark green color holds well.

245 JAPANESE CLIMBING (Black Spine)—Distinctly different from other cucumbers because it will climb on a pole or trellis. Dark green, good for both pickling and slicing, size about 9 by 2½ inches.

247 LONG GREEN IMPROVED (Black Spine)—A medium late variety, dark green, slender and straight, 12 to 14 inches long. The standard cucumber for pickling and slicing.

249 EARLY CLUSTER (Black Spine)—A popular small pickling variety, which may also be used for slicing.

DISCO EGG PLANT

251 NEW YORK IMPROVED PURPLE—Large plants producing from 4 to 6 fruits, 7 to 8 inches long. An excellent main crop variety. Especially successful in the South.

Treat with Semesan Before Planting

DISCO ENDIVE

272 WHITE CURLED—The fine curled, mossed light green leaves blanch easily. Their crispness and delicious flavor make them desirable for salads and garnishing.

DISCO HERBS

Herbs are easily grown, and preserved by drying and placing in tight jars and will provide a variety of tasty flavorings.

631 SWEET MARJORAM—Perennial. The tops and leaves are used green for flavoring, and may also be dried.

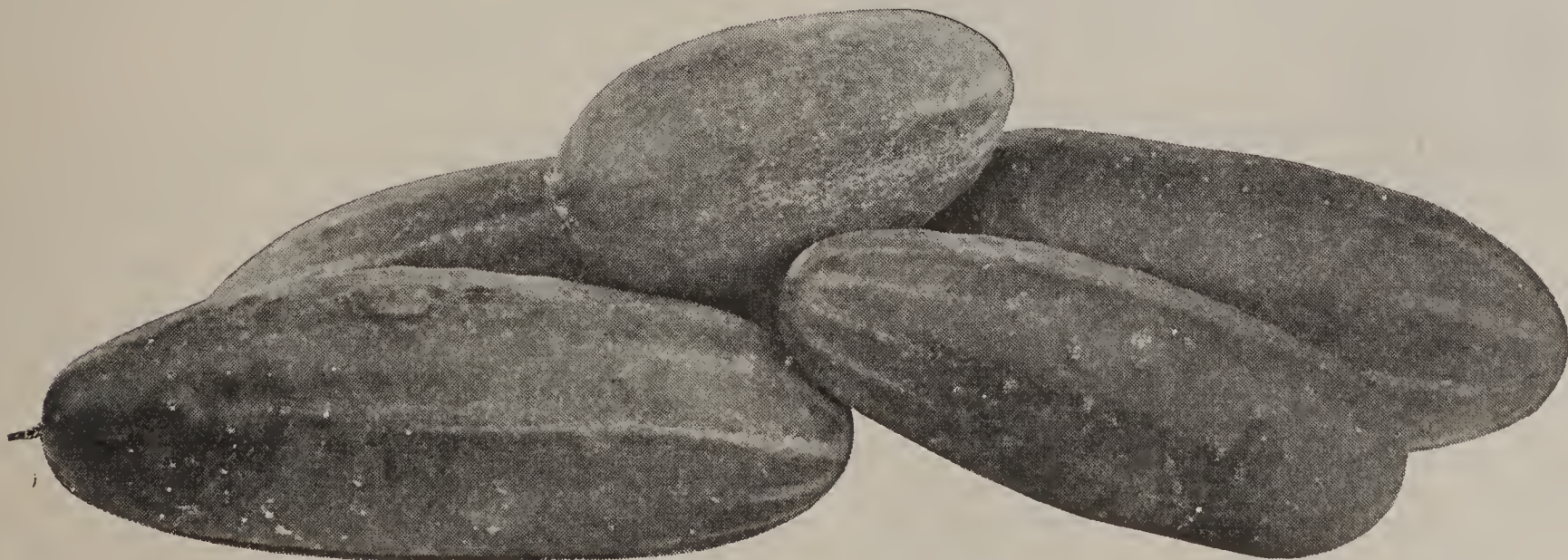
632 SUMMER SAVORY—Annual. The dried stems, leaves and flowers are used.

633 SAGE—Perennial. The leaves and tender shoots should be cut just before the plant is coming into flower.

642 DILL—Annual. Cultivated for its seeds which are used in soups, and particularly with cucumber pickles.

POSTPAID PRICES

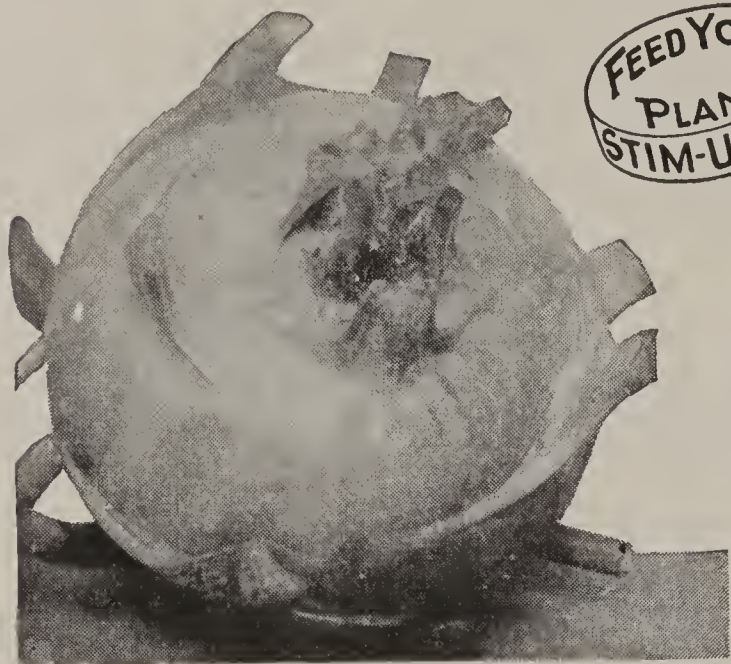
DISCO POP CORN					
	Pkt.	½ Lb.	1 Lb.	3 Lbs.	5 Lbs.
233 Jap. White Hulless	.05	.20	.30	.80	1.20
234 T. N. T.	.05	.20	.30	.80	1.20
237 Gold Magic	.05	.20	.30	.80	1.20
DISCO CUCUMBER					
	Pkt.	Oz.	¼ Lb.		
239 Earliest of All	.05	.10	.25		
240 Extra Early Russian	.05	.10	.25		
241 Early Fortune	.05	.10	.25		
242 Chicago Pickling	.05	.10	.25		
244 Extra Long White Spine	.05	.10	.25		
245 Japanese Climbing	.10	.15	.45		
247 Long Green Improved	.05	.10	.30		
249 Early Cluster	.05	.10	.30		
DISCO EGG PLANT					
	Pkt.	Oz.			
251 New York Improved Purple	.05	.20			
DISCO ENDIVE					
	Pkt.	Oz.			
272 White Curled	.05	.15			
DISCO HERBS					
	Pkt.	Oz.			
631 Sweet Marjoram	.05				
632 Summer Savory	.05				
633 Sage	.05				
642 Dill	.05				



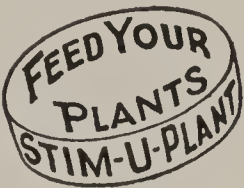
Chicago Pickling (Black Spine)

DISCO KALE

260 DWARF GREEN CURLED SCOTCH—A low-spreading plant, with finely curled, large parsley-like leaves used for greens and garnishing. Better after frost. A non-heading member of the cabbage family.



Early White Vienna



DISCO KOHL RABI

270 EARLY WHITE VIENNA—An early maturing light green bulb, white within. Grows above ground, is a member of the cabbage family, has a combination cabbage-turnip flavor, and is cooked like a turnip. When 2 inches in diameter it is at its best.

DISCO LEEK

290 LARGE AMERICAN FLAG—Superior, and milder in flavor than onions to which it is related, it is a substitute for green onions in the fall. The leaves are broad, the stems rather thick, and blanch very white. Used mainly for flavoring.

DISCO LETTUCE

CURLED OR LOOSE LEAF VARIETIES



Grand Rapids

303 GRAND RAPIDS—Very early, hardy, and disease resistant, withstands high temperatures, does not wilt quickly after cutting, and is a good shipper. The large, light green heavily fringed leaves form a compact plant of crisp, sweet leaves. An important item for every garden.

Treat with Semesan Before Planting

308 BLACK SEEDED SIMPSON—Easily grown, especially recommended for spring and early summer use. The leaves are large yellowish green, fringed and crumpled. The inner leaves are almost white. Excellent flavor, and tender.

309 PRIZEHEAD—An early, rapid growing home garden variety. The bright green broad leaves are marked in bronze on the outer, frilled edges. The inner leaves are wholly green. An outstanding lettuce because of its fine quality.

HEAD LETTUCE

Generous rains and cool weather are essential for the satisfactory growth of head lettuce and Cos lettuce.

306 WAY-A-HEAD—A very early, sure-heading variety of superior quality. The inner leaves blanch a rich buttery yellow.

305 TENNIS BALL—A reliable sort, with broad, crumpled, light green leaves, suitable for late sowing.

COS LETTUCE

307 PARIS WHITE COS—The long, narrow crisp spoon-shaped green leaves are of excellent quality, heads compact and well blanched. Sometimes called Celery Lettuce because of its erect habit of growth.

DISCO MUSKMELONS

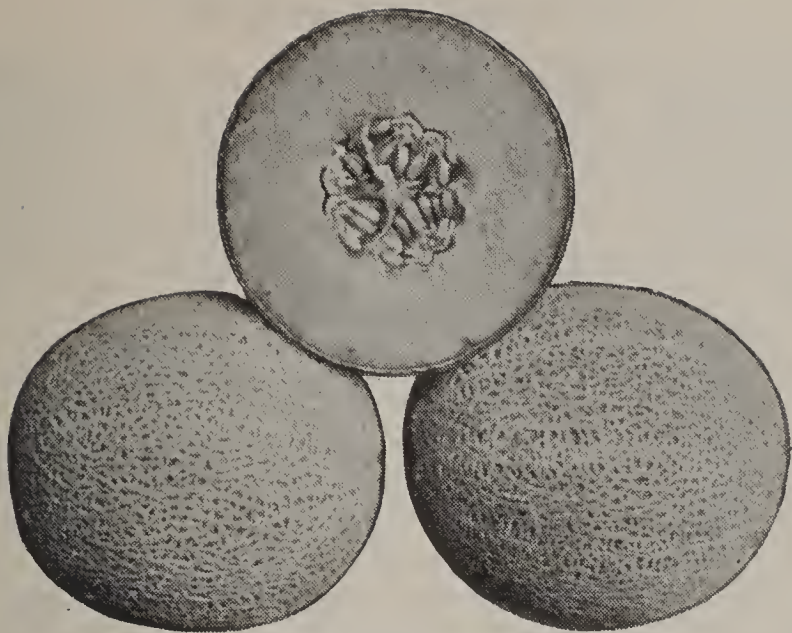
ORANGE OR SALMON FLESHED VARIETIES

315 HONEY ROCK or SUGAR ROCK—A round, medium-sized, grayish green fruit, heavily netted, without ribs. It is a mid-season variety which has thick, sweet flesh, and is very productive, there being often from 5 to 7 melons on one vine.

316 MILWAUKEE MARKET—An ideal shipping and marketing variety. The slightly oval melons mature medium early, weighing from 5 to 6 pounds. They are light green, slightly ribbed and netted. The flesh is very sweet.

317 HEARTS OF GOLD—This rather small mid-season variety is round, and slightly ribbed and netted. The flesh is very thick, with a small seed cavity, is deliciously flavored, a good sort for shipping.

POSTPAID PRICES					
DISCO KALE		Pkt.	Oz.		
260 Dwarf Green Curled Scotch.....		.05	.10		
DISCO KOHL RABI		Pkt.	Oz.		
270 Early White Vienna .....		.05	.15		
DISCO LEEK		Pkt.	Oz.		
290 Large American Flag.....		.05	.25		
DISCO LETTUCE		Pkt.	Oz.	¼Lb.	
303 Grand Rapids .....	.05	.10	.25		
308 Black Seeded Simpson.....	.05	.10	.25		
309 Prizehead .....	.05	.10	.25		
306 Way-a-Head .....	.05	.10	.25		
305 Tennis Ball .....	.05	.10	.25		
307 Paris White Cos.....	.05	.10	.25		
DISCO MUSKMELONS		Pkt.	Oz.	¼Lb.	½Lb. 1 Lb.
315 Honey Rock or					
Sugar Rock .....	.05	.10	.30	.55	1.00
316 Milwaukee Market ....	.05	.10	.30	.55	1.00
317 Hearts of Gold.....	.05	.10	.30	.55	1.00



Hale's Best

318 HALE'S BEST—A very early melon, medium sized and oval, it is lightly ribbed, and heavily netted. The thick, fine quality flesh is sweet. It is one of the best for shipping.

319 EMERALD GEM—While this is not suitable for shipping, it is one of the best early melons for home or nearby market use. It is small, globular, slightly flattened, deeply ribbed, lightly netted. The flesh is delicious.

325 BANANA—So called because its shape, and the taste of its thick orange flesh resembles a banana. They are often from 15 to 20 inches long, smooth and slender, weigh about 6 pounds, and are lemon colored when they mature.



GREEN FLESHED

321 HONEY DEW—The best known of the winter melons, it will keep until Christmas time, and of course is excellent for shipping. It is one of the sweetest and most delicious melons grown. Oval in shape, medium sized, it has a smooth lemon tinted skin.

323 MONTREAL GREEN NUTMEG—Its distinctive feature is size, since it often weighs 18 or 20 pounds. Round, medium green, it is ribbed and netted.

326 ROCKY FORD—The most extensively used melon of its class because of its excellent quality. The very deep light green flesh is edible down to the thin rind. They are very solid and good for shipping. Slightly oval in shape, and rather small, finely netted and greenish gold when fully ripe.

Treat with Semesan

DISCO WATER MELONS

330 CITRON, Colorado Preserving—Early, oblong fruits, productive, green seeded. Excellent for preserves and candied fruits.

332 COLE'S EARLY—One of the earliest, nearly round, medium sized, dark green striped with lighter green. Deep pink flesh, excellent quality. Not recommended for shipping.

333 PEERLESS or ICE CREAM—A very early variety, short, oblong, light green skin, mottled with a darker shade. Very sweet bright scarlet flesh. Superior for home and market use.

334 ROUND LIGHT ICING—Nearly round, about 14 by 10 inches, greenish white with light green veins, flesh bright red. A delicious melon but not a good shipper.

336 KLECKLEY'S SWEET—A large, dark green oblong melon which matures early and has a very sweet bright red flesh. One of the most popular for early home and nearby market use.

337 LONG LIGHT ICING—An early, productive type of very fine quality. The fruits are large, oblong, with light green mottled skin, flesh deep red, splendid quality, but not suitable for shipping.

338 GOLDEN HONEY—A yellow fleshed melon, grows oblong with a dark green rind, with irregular stripes of darker green. A wonderful melon.

339 HUNGARIAN HONEY—A superb early variety, globe shaped, dark green mottled and veined with a darker shade, flesh red. Seeds brown and small.

341 ROUND DARK ICING—Moderately early, medium sized, dark green, with bright red flesh.

342 FORDHOOK EARLY—An extra early variety of fair size, varying from round to oblong. Dark skinned, mottled with a darker shade. Flesh dark red. A noteworthy melon.

343 PRIDE OF MUSCATINE—Especially wilt resistant, a good shipper. Long, dark green, sweet and tender. It is increasing in popularity every year.

344 SWEETHEART—A very fine large shipping melon. Bright red sweet flesh.

345 STONE MOUNTAIN—A very large, nearly round high quality melon. Its tough rind makes it one of the most satisfactory shipping melons. Very prolific. The rich scarlet flesh has few seeds.

347 KING AND QUEEN—Adapted to all sections of the country. Fruits of medium size, round and pale yellow when ripe. Flesh is bright red and sweet as honey. A heavy producer and a good keeper. Black seeds. Fruits harvested from field before frost and stored in a cool cellar will usually keep until Christmas.

Special prices given to market gardeners and those who use large quantities of garden seeds. Please write us if interested in quantity prices, giving us a list of your requirements and special prices will be quoted to you by mail.

POSTPAID PRICES

MUSKMELONS—Cont.

	Pkt.	Oz.	¼Lb.	½Lb.	1 Lb.
318 Hales Best .....	.05	.10	.30	.55	1.00
319 Emerald Gem .....	.05	.10	.30	.55	1.00
325 Banana .....	.05	.10	.30	.55	1.00
321 Honey Dew .....	.05	.10	.30	.55	1.00
323 Montreal Gr. Nutmeg ..	.05	.10	.30	.55	1.00
326 Rocky Ford .....	.05	.10	.30	.55	1.00

DISCO WATERMELONS

	Pkt.	Oz.	¼Lb.	½Lb.	1 Lb.
330 Citron, Colorado Preserving .....	.05	.10	.25	.40	.75
331 Citron, Red Seeded....	.05	.10	.25	.40	.75
332 Cole's Early .....	.05	.10	.20	.35	.60
333 Peerless or Ice Cream ..	.05	.10	.25	.40	.75
334 Round Light Icing ....	.05	.10	.20	.35	.60
336 Kleckley's Sweet ....	.05	.10	.20	.35	.60
337 Long Light Icing.....	.05	.10	.20	.35	.60
341 Round Dark Icing....	.05	.10	.25	.40	.70
342 Fordhook Early .....	.05	.10	.20	.35	.60
343 Pride of Muscatine..	.05	.15	.30	.50	.85
344 Sweetheart .....	.05	.10	.25	.40	.75
345 Stone Mountain .....	.05	.10	.25	.40	.75
338 Golden Honey .....	.05	.15	.25	.40	.75
339 Hungarian Honey ....	.05	.10	.25	.40	.70
347 King and Queen.....	.05	.15	.25	.40	.75



Mountain Danvers

DISCO ONIONS

- 359 **MOUNTAIN DANVERS**—A slightly flattened globe type with a dark yellow thick skin which makes it especially profitable for storage. Quite early, unusually fine in quality.
- 360 **PRIZETAKER**—A large, straw-colored bulb, flesh pure white, rather mild in flavor. A heavy producer.
- 361 **AUSTRALIAN BROWN**—Early, semi-globe, reddish-brown skinned. Strong flavored, productive, and a good keeper.
- 363 **LARGE RED WETHERSFIELD**—One of the best red onions for home or market. Large, and flat, it matures early, is solid and fine quality and keeps very well.
- 364 **SOUTHPORT RED GLOBE**—The best Red Globe variety, very handsome, fine grained, mild in flavor. Yields well and excels other red onions in keeping quality.
- 369 **SWEET SPANISH YELLOW**—A very large yellow globe onion, mild in flavor. A good keeper.
- 380 **SOUTHPORT YELLOW GLOBE**—Very popular late variety, fine quality, fairly strong flavor. Recommended for storing.
- 381 **SOUTHPORT WHITE GLOBE**—Good sized bulbs, pure white skin and flesh. Fine grained, mild in flavor, and a long keeping variety.
- 386 **ONION SEED IN MIXTURE**—This mixture of every variety of onion seed listed in our catalog is recommended for small gardens, as it makes possible an assortment at low cost, in a minimum amount of space.



White Barletta

PICKLING VARIETIES

- 382 **WHITE BARLETTA**—Bulb small, beautiful white color, flat on top and conical at the bottom; extremely early and a most valuable pickling sort.
- 385 **WHITE WELSH**—Does not form a bulb like other onions, but only a small enlargement at the base of each shoot. Ready for use very early in the spring. Comes up every year.

BERMUDA VARIETIES

- 366 **CRYSTAL WHITE WAX**—Pure white. Early. Extremely mild and sweet. Good sized flat bulbs. Crystal wax must be cured in the shade or they will sunburn and spoil very quickly.
- 367 **YELLOW BERMUDA**—Similar to Crystal Wax but with a straw colored skin. A better yielder and not so liable to sunburn.

DISCO ONION SETS

- 390 **YELLOW DUTCH.**
391 **WHITE DUTCH.**
392 **RED DUTCH.**
Special price on bushel lots.

for better vegetables

VIGORO
Complete plant food

DISCO OKRA or GUMBO

- 357 **LONG WHITE VELVET**—Plants grow to a height of 3½ feet. The pods are white, long, smooth and tender, early and productive.

DISCO PARSLEY

- 400 **CHAMPION MOSS CURLED**—A compact-growing, densely curled variety, dark green, used for garnishing, and flavoring soups.
- 401 **HAMBURG or TURNIP ROOTED**—The edible roots resemble a small, thick parsnip, both in shape and color, used for flavoring.

DISCO PARSNIPS

- 410 **HOLLOW CROWN**—Is an enormous producer, roots are 10 to 12 inches long and of the very best quality, smooth, white skin, sweet and tender. A freeze is necessary to bring out the right flavor to all parsnips.

POSTPAID PRICES

DISCO ONIONS		Pkt.	Oz.	¼ Lb.	½ Lb.
359	Mountain Danvers .....	.05	.20	.70	1.20
360	Prizetaker .....	.05	.20	.60	1.15
361	Australian Brown .....	.05	.15	.55	.90
363	Large Red Wethersfield ....	.05	.20	.60	1.05
364	Southport Red Globe .....	.05	.20	.60	1.05
369	Sweet Spanish Yellow.....	.05	.25	.75	1.40
380	Southport Yellow Globe ....	.05	.25	.75	1.40
381	Southport White Globe.....	.05	.30	.80	1.50
386	Onion Seed in mixture.....	.05	.15	.45	.80
382	White Barletta .....	.05	.30	.80	1.50
385	White Welsh .....	.05	.20	.70	1.20
366	Crystal White Wax.....	.05	.35	1.25	
367	Yellow Bermuda .....	.05	.35	1.25	
			1	2	4
DISCO ONION SETS			Lb.	Lbs.	Lbs.
390	Yellow Dutch .....		.20	.35	.50
391	White Dutch .....		.25	.40	.60
392	Red Dutch .....		.20	.35	.50
Special prices on bushel lots					
DISCO OKRA OR GUMBO		Pkt.	Oz.		
357	Long White Velvet.....	.05	.10		
DISCO PARSLEY		Pkt.	Oz.		
400	Champion Moss Curled.....	.05	.10		
401	Hamburg or Turnip Rooted.....	.05	.10		
DISCO PARSNIPS		Pkt.	Oz.	¼ Lb.	
410	Hollow Crown .....	.05	.10	.25	

DISCO GARDEN PEAS



Little Marvel

Since peas flourish best in fairly cool weather, extra early varieties such as Little Gem and Alaska are especially recommended for hot dry sections. Where there is more rainfall later sorts will thrive equally well.

FIRST EARLY VARIETIES

- 420 **GRADUS IMPROVED**—Pods 4 inches long, peas large and tender.
- 421 **AMERICAN WONDER**—Very productive dwarf vines, peas slightly smaller than Gradus.
- 422 **LITTLE GEM**—An excellent very early variety, pods $2\frac{3}{4}$ inches long.
- 423 **LITTLE MARVEL**—Four or five days later than the earliest pea. Three inch pods.
- 424 **NOTT'S EXCELSIOR**—Very similar to American Wonder.
- 443 **ALASKA**—Extremely early, tender. Pods $2\frac{1}{2}$ inches long contain 5 to 8 small bluish-green peas.

SECOND EARLY VARIETIES

- 442 **THOMAS LAXTON**—Large tender peas which retain their flavor and sweetness until they begin to harden. (Illustrated in color on back cover.)
- 444 **POTLACH or BIG DINNER**—Large peas, a few days later than American Wonder.
- 456 **SUGAR DWARF WHITE EDIBLE PODDED**—When the pods are partly filled they are used like snap beans. When the seeds develop they are eaten as shelled peas.

MAIN CROP VARIETIES

- 445 **BLISS EVERBEARING**—A large pea which bears for a long period.
- 451 **IMPROVED STRATAGEM**—One of the best known and popular main crop peas.
- 452 **DWARF TELEPHONE**—Valuable to replace earlier types. Pods $4\frac{1}{2}$ inches long.

DISCO PEANUTS

- 460 **EARLY SWEET**—Can be grown in any light, sandy soil where potatoes succeed well.

DISCO PEPPER

- 465 **LARGE BELL or BULL NOSE**—First early; scarlet fruits 2 inches in diameter; 3 inches long, blunt at the end, while the flavor is mild and sweet.
- 466 **LONG RED CAYENNE**—Fruits average 4 inches long and $\frac{3}{4}$ inch in diameter; are a bright red color. Unusually hot and pungent.
- 467 **NEAPOLITAN**—Earliest and most productive large variety and one of the sweetest. Fruit bright red, 4 inches long and 2 inches thick.
- 468 **RED CHERRY**—Fruits small, round or cherry-shaped; rich scarlet and very hot.
- 470 **PIMENTO or PERFECTION**—Plants average 30 inches high with broad, dark green leaves. Fruits heart-shaped, smooth, 3 inches long, deep green, turning to red. Flesh thick, sweet and of excellent flavor.
- 471 **CALIFORNIA WONDER**—An outstanding medium late variety. Fruit is four-lobed, chunky, very attractive and smooth. Flesh thicker than other varieties, mild and sweet.



California Wonder

POSTPAID PRICES

DISCO GARDEN PEAS

	Pkt.	$\frac{1}{2}$ Lb.	Lb.	3 Lbs.	By Exp. Not Prepaid	
					5 Lbs.	10 Lbs.
420 Gradus Improved	.05	.20	.30	.85	1.30	2.40
421 American Wonder	.05	.20	.30	.80	1.20	2.20
422 Little Gem	.05	.20	.30	.80	1.20	2.20
423 Little Marvel	.05	.20	.35	.90	1.35	2.50
424 Nott's Excelsior	.05	.20	.30	.80	1.20	2.20
443 Alaska	.05	.20	.30	.80	1.20	2.20
442 Thomas Laxton	.05	.20	.30	.85	1.30	2.40
444 Potlach or Big Dinner	.05	.20	.30	.85	1.30	2.40
456 Sugar Dwarf White Edible Poded	.05	.20	.30	.80	1.20	2.20
445 Bliss Everbearing	.05	.20	.30	.85	1.30	2.40
451 Imprvd. Stratagem	.05	.20	.30	.85	1.30	2.40
452 Dwarf Telephone	.05	.20	.30	.80	1.20	2.20

DISCO PEANUTS

	Pkt.	Lb.	5 Lbs.
460 Early Sweet	.05	.25	1.00
DISCO PEPPER			
	Pkt.	Oz.	
465 Large Bell or Bull Nose	.05	.30	
466 Long Red Cayenne	.05	.30	
467 Neapolitan	.05	.30	
468 Red Cherry	.05	.30	
470 Pimiento	.05	.30	
471 California Wonder	.05	.30	



Large Cheese

DISCO PUMPKIN

- 480 **EARLY SUGAR**—The best known pie pumpkin, early and small, excellent quality and flavor.
- 481 **JAPANESE PIE**—Pear-shaped with long neck, dark green skin. Early and sweet. Used for pies and stock feed.
- 482 **KING OF THE MAMMOTHS**—Rightly named since they weigh as much as 75 to 100 pounds. They keep well, and can be used for pies as well as for stock.
- 483 **LARGE CHEESE or KENTUCKY FIELD**—Hardy, productive, and a good keeper. Weighs about 10 pounds. The standard variety for canning.
- 484 **CONNECTICUT FIELD**—Usually grown in cornfield for stock. Used also for pies and canning. Weight about 20 pounds.



DISCO RADISHES

TURNIP OR ROUND VARIETIES

- 492 **SCARLET GLOBE**—The most desirable of early radishes, is crisp and mild in flavor until nearly an inch in diameter. Every member of the family will approve a generous planting for the early spring garden.
- 493 **SCARLET TURNIP WHITE TIPPED**—Especially attractive, this early two-colored radish is a favorite because of its tasty flavor and crispness, and will not become pithy until 1½ inches in diameter.
- 495 **WHITE GLOBE**—A white-skinned variety, tender and crisp.
- 505 **CRIMSON GIANT**—The largest of the early round radishes, yet as mild and crisp as the smaller ones at their best.
- 496 **TURNIP VARIETIES, MIXED**—Each individual preference can be met if this mixture is planted. A wise purchase for a small garden.

OLIVE OR OVAL-SHAPED VARIETIES

- 497 **FRENCH BREAKFAST**—A small, quick-growing sort, rich scarlet color ⅔ of its length, tip end pure white. First rate quality.

LONG SHAPED VARIETIES

- 500 **CHARTIER**—Though similar to French Breakfast in color markings, it is much larger, often 7 to 8 inches long, and thick, yet tender and brittle.
- 501 **ICICLE**—The most popular white home garden variety, roots 5 to 6 inches long.
- 504 **LONG BRIGHTEST SCARLET**—One of the best and earliest of the long, scarlet radishes, crisp, fine quality.
- 503 **ALL VARIETIES**—A mixture of all the summer varieties.

FALL AND WINTER VARIETIES

- 510 **BLACK SPANISH ROUND**—A somewhat roughened, black skin covers a crisp, white pungent interior. A good keeper, 3½ to 4 inches in diameter.
- 511 **BLACK SPANISH LONG**—The best keeper of the winter radishes, it closely resembles the round type in flavor. Length 8 to 9 inches, diameter 2 to 3 inches.
- 512 **CHINA ROSE (Scarlet China)**—One of the best winter radishes, smooth, rose-colored skin, white, crisp interior. Four to 5 inches long 2 inches thick.

Treat with Semesan Before Planting



Scarlet Globe

POSTPAID PRICES

DISCO PUMPKIN		Pkt.	Oz.	¼ Lb.
480	Early Sugar .....	.05	.10	.25
481	Japanese Pie .....	.05	.10	.25
482	King of the Mammoths.....	.05	.10	.25
483	Large Cheese or Kentucky Field....	.05	.10	.25
484	Connecticut Field .....	.05	.10	.20
DISCO RADISH		Pkt.	Oz.	¼ Lb.
492	Scarlet Globe .....	.05	.10	.25
493	Scarlet Turnip White Tipped.....	.05	.10	.25
495	White Globe .....	.05	.10	.25
505	Crimson Giant .....	.05	.10	.25
496	Turnip Varieties, Mixed.....	.05	.10	.25
497	French Breakfast .....	.05	.10	.25
500	Chartier .....	.05	.10	.25
501	Icele .....	.05	.10	.25
504	Long Brightest Scarlet.....	.05	.10	.25
503	All Varieties .....	.05	.10	.25
510	Black Spanish Round .....	.05	.10	.25
511	Black Spanish Long.....	.05	.10	.25
512	China Rose (Scarlet China).....	.05	.10	.25

DISCO RHUBARB

521 **VICTORIA**—An excellent hardy variety for home use. Plants grown from seed will not all come true, but it is an inexpensive way of producing plants, and the undesirable ones can be discarded, and the good ones will grow quickly and easily. Stalks should not be cut until the second year.

SWEDE or RUTABAGA

614 **DISCO SPECIAL GARDEN or TABLE SWEDE**—Popular for home and market. The large, globular roots are a deep purplish red above ground, light yellow below, the flesh is creamy yellow, of fine texture and flavor. Yields well, and will keep until spring. A valuable food for stock. The growing season is longer than for turnips.

DISCO SALSIFY or VEGETABLE OYSTER

525 **MAMMOTH SANDWICH ISLAND**—Esteemed because of its oyster flavor, these nutritious roots are 6 to 8 inches long, 1 inch thick. They are ready for use in October, and can be stored for winter use, or left in the ground until spring.



DISCO SPINACH

535 **BLOOMSDALE or SAVOY**—Very early and hardy and one of the best for market and canning.

536 **LONG STANDING ROUND SEEDED**—Slower growing than Bloomsdale; leaves very large and of good substance.

537 **KING OF DENMARK**—Stands longer than Bloomsdale, large, blistered leaves, low growing plants.



New Zealand

540 **NEW ZEALAND**—Most heat-resistant variety, and if kept cut will provide tender delicious greens until frost. The plants which thrive on almost all soils produce groups of small fleshy leaves. Each branch produces others. It is not a true member of the Spinach family.

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Wartyed Hubbard

DISCO SQUASH

550 **EXTRA EARLY ORANGE MARROW**—The earliest of the Marrow squashes, very prolific and a good keeper.

551 **GIANT SUMMER CROOKNECK**—The largest summer variety, and one of the earliest.

552 **GOLDEN HUBBARD**—Similar to a Hubbard in form, it is orange-red in color, and earlier.

553 **IMPROVED HUBBARD**—The standard winter squash with a dark green moderately warted shell. The flesh is fine grained, thick and dry, of excellent flavor.

554 **WARTED HUBBARD**—The best keeping squash because of its heavily warted shell, it is a favorite for marketing. It is fine quality, and grows to nearly double the size of the common Hubbard. (See illustration.)

555 **EARLY WHITE BUSH SCALLOP**—Very early summer squash.

558 **DELICIOUS**—An early winter variety, medium sized, pear shaped. Especially noted for its good flavor.

559 **MAMMOTH WHALE**—Two to three feet long, gray-green shell.

560 **TABLE QUEEN**—The smallest squash, it is often called Acorn or Individual. When baked it makes two servings of excellent quality and flavor. It is very productive and keeps as well as the Hubbards. It makes a delicious summer squash if picked when about half grown and either fried or boiled.

561 **KITCHENETTE**—A convenient family size, it keeps well, yields generously, and is first quality for table use.

POSTPAID PRICES

DISCO RHUBARB			
	Pkt.	Oz.	
521 Victoria .....	.05	.15	
SWEDE OR RUTABAGA			
	Pkt.	Oz.	¼ Lb.
614 Disco Spec. Garden or Table Swede	.05	.10	.20
DISCO SALSIFY OR VEGETABLE OYSTER			
	Pkt.	Oz.	¼ Lb.
525 Mammoth Sandwich Island.....	.05	.15	.50
DISCO SPINACH			
	Pkt.	Oz.	¼ Lb.
535 Bloomsdale or Savoy.....	.05	.10	.25
536 Long Standing Round Seeded.....	.05	.10	.25
537 King of Denmark.....	.05	.10	.25
540 New Zealand .....	.05	.10	.25
DISCO SQUASH			
	Pkt.	Oz.	¼ Lb.
550 Extra Early Orange Marrow.....	.05	.15	.40
551 Giant Summer Crookneck.....	.05	.10	.25
552 Golden Hubbard .....	.05	.15	.40
553 Improved Hubbard .....	.05	.10	.30
554 Wartyed Hubbard .....	.05	.15	.40
555 Early White Bush Scallop.....	.05	.10	.30
558 Delicious .....	.05	.15	.40
559 Mammoth Whale .....	.05	.15	.40
560 Table Queen .....	.05	.15	.40
561 Kitchenette .....	.05	.15	.40

DISCO SWISS CHARD

80 LUCULLUS—Only the tops of this beet are used. The leaves, mild and spinach-like in flavor, provide a great mass of tender, light green foliage. The thick, white stalks are splendid for creaming like asparagus. It replaces spinach during the hot weather, and will yield until frost if kept cut.

DISCO TOMATOES

581 BONNIE BEST—Early, medium sized, slightly flattened, smooth, scarlet colored. The plants are vigorous and prolific, the fruits of excellent quality.

582 CRIMSON CUSHION—A very large, solid and meaty red tomato for main crop planting.

584 PENN STATE—An extremely early tomato, unusually free of blemishes. Rich scarlet in color, the flesh is dark red with very little core. A very fine tomato.

586 PONDEROSA—A very large, productive variety for the home garden. A main crop, it bears until frost. The flesh is solid and meaty, the exterior somewhat rough and inclined to crack. Splendid for slicing.

587 MARGLOBE—A second early sort, very resistant to wilt and rust diseases. Medium size, smooth, bright red fruits. A heavy producer and a fine shipping variety.

583 DISCO EARLIANA—The best of the early tomatoes, it is also equal in quality to the finest medium or late tomato. Solid and excellent for market. Fruits are medium sized, firm and smooth, deep scarlet in color.



Disco Earliana

589 PRITCHARD or SCARLET TOPPER—A mid-season variety, wilt resistant and disease resistant, recommended for shipping. Medium to large, exceptionally fine quality.

590 OXHEART—Large at the stem and tapers almost to a point. Main crop, solid and meaty, fine for slicing.

588 BISON—One of the most outstanding tomatoes for the Northwest, hardy, very early. The fruit ripens evenly, and great quantities of ripe tomatoes can be picked from each vine at one time. Has less foliage than any other variety, and therefore the growth goes to the tomato rather than to vines. We would recommend this tomato in preference to all others for the Northwest.

595 BARBER'S IMPROVED BISON—This is a selection made for several years by a truck grower who specializes in tomato growing. While retaining the salient features which have caused Bison to become so popular in the Northwest, has smoother fruits, smaller seed cavities, heavier yielding, and finer flavor than the original strain, particularly well adapted for canning and making tomato juice. In the originator's sealed packets.



588 Bison

SMALL FRUITED VARIETIES

593 STRAWBERRY (Ground Cherry or Husk)—Not a true tomato. Small, round yellow fruits inclosed in a thin papery husk. Very sweet, used mostly for pies and preserves.

DISCO TURNIPS

610 PURPLE TOP STRAP LEAVED—Very widely used, flattened on top.

611 PURPLE TOP WHITE GLOBE—Similar to above, except globe shape.

612 WHITE EGG—Early, oval or egg shaped.

POSTPAID PRICES

DISCO SWISS CHARD		Pkt.	Oz.	¼ Lb.
80	Lucullus .....	.05	.10	.25

DISCO TOMATOES		Pkt.	Oz.	¼ Lb.
581	Bonnie Best .....	.05	.30	.80
582	Crimson Cushion .....	.10	.65	1.75
583	Disco Earliana .....	.05	.30	.80
584	Penn State .....	.10	1.35	3.50
586	Ponderosa .....	.05	.35	.95
587	Marglobe .....	.05	.35	.95
588	Bison .....	.05	.40	1.20
589	Pritchard or Scarlet Topper.....	.05	.30	.90
590	Oxheart .....	.05	1.00	2.25
593	Strawberry .....	.05	.35	.95
595	Barber's Improved Bison.....	.15		

DISCO TURNIPS		Pkt.	Oz.	¼ Lb.
610	Purple Top Strap Leaved .....	.05	.10	.25
611	Purple Top White Globe.....	.05	.10	.25
612	White Egg .....	.05	.10	.25

You can grow the finest flowers from "DISCO" FLOWER SEEDS

Flowers are enjoyed by everyone, and no garden is complete without a fair assortment of many really beautiful flowers, which may, with comparatively little expense and care, be raised from seed. We offer a wonderful selection of seed of all the familiar and favorite varieties, including flowers for cutting, for garden beds or borders, for house plants, for vining purposes, for color, and for foliage effect.



Flower seed may be divided into three classes: Annuals, Biennials and Perennials. Annuals are those that attain full growth from seed, flower and die the first year. Biennials grow from seed the first year, bloom and die the next, though some varieties bloom the first year. Perennials grow from seed the first year, die down in winter, but start again in the spring from the roots, lasting many years and flowering every year. For the convenience of our customers, we have listed our seed according to their classification: (A) Annuals, (B) Seed suitable for bedding, (E) Everlastings, (H) Seed for House Plants, (P) Perennials, (V) for Vining purposes.

2524 AQUILEGIA, COLUMBINE (Long Spurred Hybrids) (P)—A well known hardy perennial; flowers are of delicate and graceful form in many colors and combinations of color, red, pink, lavender, blue, white and yellow. Pkt., 10c.

2514 AGERATUM, BLUE PERFECTION (A)—Neat dwarf annual, much used as edging for beds and borders. Flower heads are fluffy, of a beautiful amethyst blue, literally a sheet of bloom from early summer until frost. Easily grown in good garden soil. Pkt., 5c.

2521 ANTIRRHINUM, SNAPDRAGON, Dwarf Mixed (A)—No garden is complete without a mass of Antirrhinums. Flowers are borne on spikes on stems one foot high. All colors. Pkt., 5c.

2513 AFRICAN DAISY, DIMORPHOTHECA AURANTICA (A)—The flowers which are 2½ inches are a unique rich, glossy, orange-gold with dark disc and halo. Pkt., 5c.

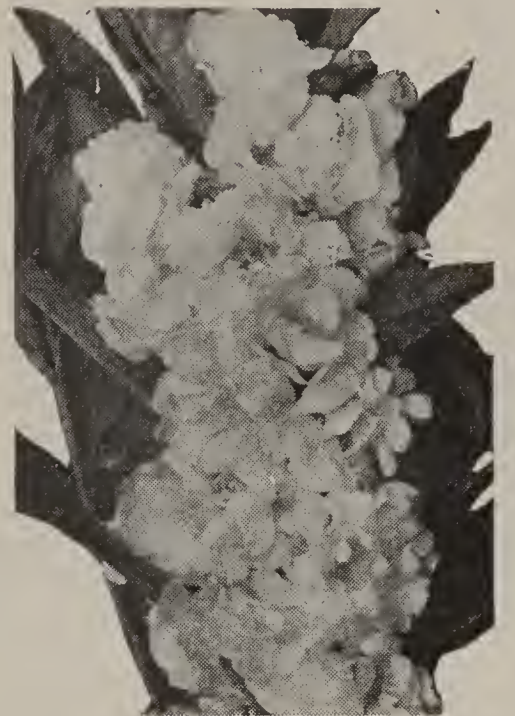


Antirrhinum—Snapdragon

2512 ALYSSUM, SWEET (A)—A low spreading annual with white, sweet scented flowers. Grows easily from seed. Makes an attractive edging or border plant. Pkt., 5c.

2531 ASTERS, Comet Mixed (A-B)—The most popular Aster today. Flowers measure from three to four inches in diameter. All the popular shades. Pkt., 5c.

2559 BALSAM, Double Mixed (A)—A great favorite found in most old fashioned gardens; produce quantities of brilliant colored, very double flowers; commonly called Lady Slippers. Grown easily from seed. Attain a height of about two feet. Pkt., 5c.



Balsam

2568 CALENDULA, POT MARIGOLDS, Mixed (A)—A favorite annual, producing an abundance of flowers, ranging in color from cream and yellow to deep orange. Pkt., 5c.

2996 CANARY BIRD VINE, Canary Creeper (A-V)—An excellent tall climbing annual with a five-lobed leaf and an odd canary-yellow fringed flower. Pkt., 5c.

2581 CANDYTUFT, Mixed (A)—A common annual, flowers comprising colors of white, rose, lavender and purplish hues. Pkt., 5c.

2590 CARNATION, Chaubaud's Mixed (P)—The carnation, grown so extensively today for cut flowers, is gaining deserved popularity. Valuable for their delicious fragrance. Pkt., 10c.



Carnation, Chaubaud's Mixed

2633 CENTAUREA CYANUS, Double Cornflower (A)—A well known old fashioned flower, seen in most gardens. These are also known as Ragged Sailor or Ragged Robin. Pkt., 5c.

2634 CYANUS MINOR (Cornflower) (A) Dwarf Jubilee Gem (Award of Merit "All America" Trials)—A dwarf variety of Cornflower growing about 12 inches high, making a compact plant literally covered with flowers. See colored illustration on cover. Pkt., 25c.

2900 CHINESE LANTERN, Physalis (P)—An ornamental plant, bushy and compact, with interesting lantern-like pods. As the flower matures the color becomes more intense, a bright scarlet. Branches may be cut and dried for winter decoration. Pkt., 10c.

2611 CLARKIA ELEGANS, Mixed (A)—An interesting annual; very free flowering and indispensable in the garden where a mass of color is desired. White, rose and crimson flowers.

2611 CLARKIA—Novelty mixture, being a perfect blend of the newest and best double varieties. See colored illustration on front page of cover. Pkt., 10c.

2616 COCKSCOMB, Glasgow Prize (A)—Almost universally found in old fashioned gardens. An annual, blooming in late summer. Flower heads somewhat resemble a cock's comb. Pkt., 10c.



Cosmos, New Klondike

2624 COSMOS, Giant Single Mixed (A)—A well known, free blooming and easy grown annual; produces an abundance of blooms from midsummer until frost. Pkt., 5c.

2625 COSMOS, New Klondike—Grand Champion Flower Novelty of 1935. All judges placed it at the head of the list. Blooms early. Brilliant orange with marigold-like foliage. Has to be grown to be really appreciated. Pkt., 5c.

2615 COBAEA SCANDENS, Cup and Saucer Vine (V)—A climber of rapid growth treated as an annual; will attain a height of ten to twenty feet. Large, bell-shaped purple flowers. Pkt., 10c.

2617 COLEUS, Fine Mixed (B)—A well known perennial grown for their richly colored foliage. Leaves of velvety texture. Colors all shades of red to black and many shades of yellow and green. Excellent for bedding. Pkt., 10c.

2576 COREOPSIS, Lanceolata Grandiflora (P)—One of the showiest of garden plants, attractive for its light green, finely cut foliage and abundance of bloom on long, graceful stems. Colors, pure yellow, yellow with brown center. It has a long blooming period. Easy culture. Height two and one-half to three feet. Pkt., 5c.

2646 DAHLIA, Double Mixed (P)—An old favorite, it is one of the showiest late summer blooming plants. Flowers double in a wide range of colors. Should be sown in flats early in spring. Pkt., 10c.

2650 DELPHINIUM, Wrexham Type (P)—One of the best perennials for the border and for cut flowers. These Hybrids are valuable for their wide range of color and for their varying heights. They grow from five to six feet in height and range in color from pale lavender to indigo blue. Abundant foliage. Of easy culture. Pkt., 5c.

2651 DELPHINIUM, Annual Cambridge Blue—Grows two to three feet tall. A variety well suited for cutting. A true light blue, easier grown than the perennial Delphinium. Pkt., 10c.



Delphinium, Wrexham Type



Didiscus, Blue Lace Flower

2664 DIDISCUS, BLUE LACE FLOWER (A)—A profusely blooming annual. Height eighteen inches to two feet. Flowers dainty and used for cutting. Color pale lavender. Long blooming season. Pkt., 10c.

2634 DUSTY MILLER, Centaurea Gymnocarpa (A)—This popular annual is used principally for edging beds and borders. Foliage silver gray, deeply cut. Plants attain a height of twelve to fifteen inches. Forms good contrast to bright colors in a garden. Pkt., 10c.

2685 ESCHSCHOLTZIA, California Poppy (A)—Flowers of Poppylike form come in all shades of yellow and gold. Foliage silvery and finely cut. Pkt., 5c.

2823 FEVERFEW, Matricaria (A)—An annual that has long been a favorite as a cut flower. Flowers borne in little clusters, very double, snow white, growing twelve to eighteen inches. A constant bloomer. Pkt., 10c.

2844 FORGET-ME-NOT, Myosotis, Mixed (P)—An old favorite and a very attractive edging plant. Dense foliage and flowers in shades of lovely light blue. Low growing. Pkt., 10c.

2821 FOUR O'CLOCKS, Marvel of Peru (A)—An old fashioned flower, deriving its name from the fact that the blooms open late in the afternoon. Height 2-3 feet. Free flowering. Colors red, yellow, variegated and white. Of little value for cutting, but may be used in the border in line planting for masses of color. Pkt., 5c.

2694 GERANIUM, Zonale Mixed (A-B)—Almost too well known for description. Variety of color in blooms and interesting to watch. Of very easy culture. Pkt., 15c.

2697 GLOBE AMARANTH, Gomphrena or Bachelor's Button (A-E)—An easily grown, hardy annual, attaining a height of a foot to a foot and a half, producing blooms in July. Foliage coarse, flower heads resembling clover may be used when dried in winter bouquets. Flowers white, pink, purple and striped. Pkt., 5c.

2714 GOURDS, Ornamental, Mixed (A)—A tender vine used on fences, etc., bearing odd-shaped fruits oddly marked and colored. Of easy culture and prefers sunny location. Pkt., 5c.

2715 GYPSOPHILA, Paniculata (P)—A very attractive perennial. Height two to three feet. Flowers very double. Blooming period July and August. Grown extensively for cut flowers. Pkt., 10c.

2734 HELIOTROPE, Fine Mixed (A)—A universal favorite because of its fragrance and lasting quality of bloom. Colors are deep heliotrope, lavender, lilac or white. Used extensively for cut flowers. Pkt., 10c.

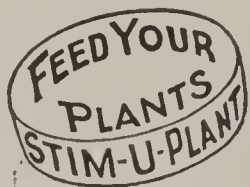
2738 HOLLYHOCKS, Double Mixed (P)—An old fashioned perennial producing a picturesque effect with its tall stately stalks covered with showy, large blooms. The blooms are very double and range in color from pure white, through the pinks, yellows, salmons, and reds. Very easy culture. Pkt., 5c.

2741 HUMULUS JAPONICA, Japanese Variegated Hop (V)—A rapid, strong growing vine used for covering trellises, fences, etc. Foliage deeply cut and many lobed. Leaves variegated white, green and yellow, and very attractive. Of easy culture and prefers sunny location. Pkt., 5c.

2767 KOCHIA, Childsii (Summer Cypress) (A)—This plant is well named because in the summer it resembles a well shaped little evergreen. It turns to crimson in the fall, due to the countless tiny flowers. Pkt., 5c.



Globe Amaranth



STOP, LOOK AND LISTEN!

A few cents spent in Flower Seeds will pay larger dividends than any other investment you can make.



Lupinus, Polyphyllus

fashioned flowers. Excellent border plant. Colors white, yellow, salmon and a reddish tint. Pkt., 5c.

MARIGOLDS

2817 MARIGOLD COLLARETTE, Crown of Gold—An entirely new type. The crown or top part of the flower resembles a Chrysanthemum in formation, and is made up of long, disc petals that beautifully interlace. The crown and the collarette of big, broad petals which surround it are of a bright, pleasing shade of clear golden orange. The flowers are slightly sweet scented, and the foliage is entirely free of that usual Marigold odor. Grows about 2 feet high, early flowering and very floriferous. See colored illustration on cover. Pkt.,

2818 MARIGOLD, Dixie Sunshine (New)—Bright yellow flowers, distinct curled and quilled petal formation. Pkt., 10c.



Marigold

2787 KUDZU VINE, Pueraria Thunbergiana (P-V)—A remarkable hardy Japanese vine with large foliage, producing a tremendous growth in one season, sometimes as much as forty to sixty feet in one summer. Pkt., 10c.

2735 LATHYRUS, Perennial Pea, Mixed (P-V)—Strong vigorous vines, growing eight to ten feet high. Flowers borne in clusters in pink, red and white, produced continuously. Pkt., 10c.

2777 LARKSPUR, Double Tall Rocket (A)—This annual which grows from eighteen to twenty inches has a good range of color, all shades of pink, rosy red, blue, purple, as well as white. Flowers double. Very attractive in border or beds. Pkt., 5c.

2795 LUPINUS, Polyphyllus (P)—The pea-like flowers are borne in spikes a foot or more in length on stems from three to five feet high. A hardy perennial of easiest culture. Flowers white, pink, rose and blue. Pkt., 10c.

2828 MIGNONETTE, Grandiflora, Mixed (A)—One of the best known old

2814 DOUBLE AFRICAN, Mixed (A)—An easily grown annual, supplying an abundance of color, and worthy of a place in any garden. Yellow to deep orange in color. Bloom from end of July until frost. Pkt., 5c.

2816 DWARF FRENCH, Mixed (A)—More dwarf in habit than the African Marigolds, smaller flowers ranging from yellow, orange and red and brown shades. Foliage finely cut. Grow about a foot high. Pkt., 5c.

MORNING GLORIES

2620 TALL MIXED (A-V)—This tender climber needs a sunny location to do well. Wide range of colors and parti-colored, blue, purple, pink and white. Long blooming period. Pkt., 5c.

NASTURTIUMS

2861 NASTURTIUM, Glorious Gleam, Mixed—Beautiful double sweet scented flowers of vivid colors and delightful green foliage. See colored illustration on cover. Pkt., 10c.

2855 DOUBLE GOLDEN GLEAM, Sweet Scented—Large golden yellow blooms, double and semi-double, that measure 2½ to 3 inches across. An ordinary sized bouquet of these lovely blooms will fill the room with their fragrance. Pkt., 10c; oz., 25c.

2860 TALL MIXED (A)—A very popular annual. Used on fences, trellises, etc. Choicest colors. Pkt., 5c; oz., 15c.

2856 DWARF MIXED (A)—Rich, green foliage. Flowers shading from yellow to crimson. Fine for cutting. Pkt., 5c; oz., 15c.



Golden Gleam Nasturtium

2868 NIGELLA, Double Mixed (A)—Commonly called Love-In-The-Mist. A free flowering plant, of easy culture, growing in any garden soil. Finely cut foliage. Flowers blue and white. Used for bordering and cut flowers. Pkt., 5c.

2889 PANSIES, Disco Giant Mixed (A-B)—The Pansy is one of our most valuable summer and fall flowering plants of easy culture and sure to please. All flowers of Giant type and colors range from white, through the yellows, blues, purples, reds to black. Pkt., 10c.

PETUNIAS

2894 SINGLE BEDDING, Mixed (A-B)—Good selection of colors. Massed or in rows, they make a brilliant effect. Pkt., 5c.

2895 GIANTS OF CALIFORNIA (A)—Unsurpassed as border plant. Very showy. Pkt., 10c.

2913 ANNUAL POPPIES, Double Mixed (A)—Flowers double, gorgeously colored in many shades of white, pink, scarlet, cardinal and purple. Used for bedding and the border. Seed should be sown early in the spring. Pkt., 5c.

2921 **PRIMULA**, *Obconica Grandiflora* (A)—Fine for pot culture. Flowers borne in large clusters in white and shades of crimson, pink, blue and lavender. Pkt., 15c.

2925 **PYRETHRUM**, *Roseum Hybridum* (P)—Commonly called Painted Daisies which describes them well. Colors all shades of pink and crimson red. Pkt., 10c.

2901 **PHLOX DRUMMONDI**, Mixed (A)—A very popular annual, affording a wonderful amount of bloom during a season. Colors, pink, rose, magenta, violet, crimson and white. Pkt., 5c

PORTULACA

H. H. A.—Forms masses of delicate green foliage, covered with bright colored flowers.

2916 **GRANDIFLORA**—Large single, 6-in. Pkt., 5c.

2917 **GRANDIFLORA**—Double mixed, 6-in. Pkt., 10c.



Salpiglossis, Grandiflora

2987 **SALVIA SPLENDENS**, *Scarlet Sage* (A-B)—Of all the red-flowered bedding plants *Salvia Splendens* is the most brilliant and showy. The brilliant racemes are produced from July to September. Pkt., 10c.

3035 **SCABIOSA**, *Double Tall Mixed* (A)—It is hard to find a more satisfactory annual for the garden. The flowers come in various shades of dark purple, crimson, cherry, rose, lilac, lavender, blue, light yellow and white. Long blooming season. Cut foliage. Long stems, fine for cutting. Flowers keep well. Pkt., 5c.

3038 **SCABIOUS BLUE COCKADE** (New)—Beautiful pure deep azure blue. Received an Award of Merit from the Royal Horticultural Society of Great Britain. Pkt., 15c.

SCHIZANTHUS

2960 **BUTTERFLY FLOWER** (A)—Fern-like foliage and dainty fringed blooms in many brilliant colors, so abundant as to completely hide the foliage. Pkt., 5c.



Stocks

2733 **STRAWFLOWER**, *Helichrysum*, Mixed (E)—One of the choicest of all "everlastings." Flowers in many shades. Pkt., 5c.

SWEET PEAS

DISCO SPECIAL MIXTURES

2220 **DISCO SPENCER** or *Butterfly Mixture*—Pkt., 5c; oz., 20c; ¼ lb., 55c. A beautiful blend of 75 Spencers, including many new varieties. The choicest mixture to be had.

2225 **DISCO GRANDIFLORA MIXTURE**—Pkt., 5c; oz., 10c; ¼ lb., 35c. A splendid assortment of finest colors, blended to harmonize and insure a fair proportion of all.

2984 **SWEET WILLIAM**, *Double Mixed* (P)—Well known for years in the old fashioned garden. A wonderful range of color, all shades of pink, scarlet and dark crimson, as well as white with dark eye. Pkt., 5c.

3037 **TRITOMA**, *Flowering Hybrids* (P)—The tall spikes of showy, flaming, orange-red flowers give the plant its name of "Red Hot Poker." Pkt., 10c.



Verbena

3009 **VERBENA**, *Mammoth Mixed* (A)—Splendid tender plants suitable for bedding and easy of culture. The flowers, which are borne in large trusses three inches or more in diameter, range in color from white, rose, scarlet, blue to purple. Pkt., 10c.



Zinnia

3039 **ZINNIA**, *Fantasy Mixed*—Delicate lacy petalled flowers, rounded, medium sized, with a wide range of beautiful colors. A really beautiful variety. See colored illustration on cover. Pkt., 15c.

3034 **ZINNIAS**, *Disco Giant Dahlia Flowered* (A)—This is unquestionably the best novelty in Zinnias. As a result of painstaking care and selection, the size, form and coloring have been much improved upon. The flowers measuring 4 to 6 inches in diameter in the following colors: Orange, yellow, flesh and pink, chestnut and colors never before in Zinnias. Three feet. Pkt., 5c.

3035 **ZINNIA**, *Crown of Gold*—Words cannot give an adequate description of the beauty of this marvelous Zinnia. The color tones go from light to dark yellow and are gorgeous under artificial light. Two to three feet high and bear generously over a long period. Pkt., 10c.

3040 **WILD GARDEN MIXTURE**—A brilliant mixture of showy flowers. One surprise after another during the blooming period. Pkt., 5c.

"DISCO" SWEET CLOVER

FIVE REASONS WHY YOU SHOULD SOW RECLEANED AND SCARIFIED SEED. It gives you quicker returns—provides pasture same year you sow—puts into the soil what other crops take out—it is almost impossible to kill out and is the cheapest means of building up your farm today.

TALL WHITE BLOSSOM

MELILOTUS ALBA—This is by far the most popular biennial variety. Under ideal conditions it will sometimes make a growth of 48 inches the first year, its usual growth being 18 to 30 inches. It stores up a tremendous quantity of reserve food in its deep tap root, which enables the plant to make a rapid and vigorous growth early the following spring.

GRUNDY COUNTY, EARLY WHITE, DWARF WHITE, CRYSTAL WHITE

Under these various titles, a dwarf growing type of the biennial white variety has been distributed during the past few years. It is earlier, grows to a medium height, does not require clipping, matures its seed earlier and more uniform; is consequently easier handled.

YELLOW BLOSSOM

MELILOTUS OFFICINALIS—This variety is a biennial also, growing a hay crop the first year; flowers, bears seed and dies at the end of the second year. Stems are finer, inclined to be less "woody" and have a larger proportion of leaves and fine branches, which naturally makes it a better pasture, and some farmers prefer it as a hay crop, although it makes less tonnage per acre than the White Blossom variety.



A Beautiful Field of Red Clover

HUBAM

Annual White Blossom. Where it is considered desirable to have the crop make its growth, flower, form seed and die in one year, Hubam has advantages. It certainly has a strong appeal to the honey producer, greatly increasing the available bee pasture.

MISCELLANEOUS CLOVERS

All our clovers are domestic grown. The U. S. Department of Agriculture Bureau of Plant Industry does not recommend imported clovers, in fact warns farmers against their use, with the exception of Canadian grown seed. Not only are imported clovers less hardy, but they yield less and are otherwise unsatisfactory.

MEDIUM RED CLOVER

Regarded as the most valuable of the clover family; a dependable all-around variety. Not only does it produce a heavy weight per acre, but richness of the roots in nitrogen gathering bacteria means added fertility to the soil.

MAMMOTH RED CLOVER

Coarser and stronger growing than the Medium Red. Well adapted for hay, if cut early, but is mostly used as pasture and for fertilizing.

ALSIKE or SWEDISH CLOVER

Produces the finest quality of clover hay; unusually hardy, and well adapted for pasture. Thrives best on low and moist lands and is particularly well adapted for mixing with Timothy, as it will grow under similar conditions, and can be cured well if grown in this manner.

WHITE or DUTCH CLOVER

A dwarf close-growing variety, in demand for lawns and pasture. Fine for top seeding on old pastures. Improves feed value. Our price on this high quality seed is very reasonable.

LESPEDEZA or JAPAN CLOVER

A very valuable plant in the South, growing on almost any kind of poor soil. We doubt very much if it will make any great headway in the North, but it is very cheap this year, and we recommend its being tried out in a small way. Should be sown at the rate of 25 pounds to the acre.



The BARGAIN COUNTER

Alfalfa and Sweet Clover Are Our Specialties

Recleaning many carlots in a season, we generally have on hand many small lots not just good enough for our regular brands. A little off color, perhaps, or containing Pigeon Grass or a little Gumbo. We give real snaps in these. Write us about them.

Save Money Seeding That New Hog Lot

Alfalfagrams . . . too late for caution after seed is planted

Don't gamble with your chances of obtaining a satisfactory and profitable alfalfa patch by sowing unadapted seed.

The introduction of the U. S. Verified Origin Service referred to in greater detail below was not prompted by governmental whim or demand, but was sought by reputable seed houses not only for the protection of their farmer customers, but also for their own protection as they found they were suffering from the unfair competition of unscrupulous dealers substituting either southern grown or imported seed for South Dakota or other seed of northern origin, and these unscrupulous dealers could undersell. In fact their actions made it impossible for the honest dealer to compete with the others in price and make a legitimate profit, without which no business can survive and continue to give service.

The Verified Origin Service is not an exclusive organization. Any seed dealer who is willing to comply with the simple requirements of the service may become a member. There is an old saying which goes like this, "A nod is as good as a wink to a blind horse" and if a seed dealer is not a member of the Verified Origin Service, echo answers why?

INOCULATION

When sowing alfalfa, sweet clover, or any other legume for that matter, be sure and use a bacteria which will help you get a stronger stand than you would otherwise obtain. Inoculation has proven time and again to be a decided help in obtaining not only a stronger stand, but also an increased yield. The leading experiment stations use and recommend an inoculation.

Below we give you the prices on Nitragin. For price on McQueen's Inoculation, see page 30.

The Original Legume Inoculator NITRAGIN NOBBE-HILTYNER PROCESS Restores and Maintains Soil Fertility			
INOCULATOR PRICES			
When Ordering, Always Specify Name of Seed			
Alfalfa, all Clovers			
Size	Dealer	Retail	
1/2 bu. ea. ....	.23	\$.35	
1 bu. ea. ....	.36	.55	
2 1/2 bu. ea. ....	.78	1.20	
Vetch, Austrian Peas, Canadian Peas, Beans			
Size	Dealer	Retail	
1/2 bu. ea. ....	.20	\$.30	
1 bu. ea. ....	.29	.45	
*1 1/2 bu. ea. ....	.42	.65	
5 bu. ea.	1.20	1.85	
*12 1/2 bu. ea.	2.76	4.25	
* "100 lb. size." Packed only for Vetch and Peas.			
LESPEDEZA Unhulled or Hulled			
Size	Dealer	Retail	
1 bu. ea. ....	.23	\$.35	
2 bu. ea. ....	.36	.55	
5 bu. ea. ....	.78	1.20	
Peanuts, Soy Beans, Cow Peas, Lima Beans			
Size	Dealer	Retail	
1 bu. ea. ....	.23	\$.35	
2 bu. ea. ....	.36	.55	
5 bu. ea. ....	.78	1.20	
10 bu. ea.	1.14	1.75	
*25 bu. ea.	2.44	3.75	
* "25 bu. size." Packed only for Soy Beans, Cow Peas.			
New Garden Size. NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines			
Each package will inoculate any amount up to 4 lbs. seed.			
Dealer Price .....\$ .80 per doz.			
Retail Price .....\$ .10 ea.			



SAFEGUARDS

In no business or profession in the world does the integrity and reliability of the vendor loom so large as in the seed business, and possibly no single variety of seed has been more substituted with resultant loss to the buyer than alfalfa. As a safeguard to our customers we adopted, some years ago, the plan of sealing our alfalfa with the Disco Seal.

EVERY BAG OF DISCO ALFALFA SEALED



The popularity and superiority of Disco Alfalfa has caused many unscrupulous dealers to attempt to substitute. Instances have frequently come to the attention of our salesmen where intending planters have been told that they could be supplied with our seed, or just as good, practically the same, and so on. Discriminating buyers will insist on the Genuine Disco, to be obtained direct or from authorized Disco dealers. For your protection and our own, every bag of Disco alfalfa will have a seal bearing the Disco brand, our registered trademark. Look for this, without which none are genuine.

We Avail Ourselves of This Government Service for Your Protection on All Disco Branded Alfalfa

As an additional safeguard to our customers, through arrangement with the United States Department of Agriculture, under which our stock records are inspected and supervised by that department, we are authorized to issue verified origin certificates for alfalfa seed sold by us, the locality of production of which has been verified by a Federal Inspector. Disco alfalfa can be supplied with verified origin certificate.

The unusually short crop, which will undoubtedly mean that there will not begin to be enough hardy northern grown seed to supply a normal demand, will constitute quite a strong temptation in some quarters to practice substitution, and we, therefore, recommend that buyers of alfalfa seed insist on Verified Origin seed.

Market Prices on Farm Seeds change frequently. We aim to give our customers the benefit of any reduction in market values, and we suggest the advisability of writing for prices when you are ready to buy.



Don't throw your money away on unadapted foreign grown Alfalfa Seed

"Disco" ALFALFA

Is Backed by a Continuous Improvement Program

REGISTERED ALFALFA

STATE SEALED and CERTIFIED SEED

This seed of established pedigree is produced by the most successful and dependable growers. The entire process being under state supervision from planting time. All cleaning operations are checked and supervised by Crop Improvement Association inspectors; the seed is graded (either blue, red or yellow tag, as the case may be), tagged and sealed by the Association, in 2½ bushel (150 pounds) or in 1 bushel (60 pounds) or half bushel (30 pounds) lots. The South Dakota Crop Improvement Association and the Wyoming Department of Agriculture have a resident inspector in Mitchell who is available to open and re-seal the bags containing any quantity desired.

In buying State Sealed Seed be careful to examine the seals and tags.

GRIMM

Our stocks of this well known variety have been grown under the most exacting conditions, both in regard to drouth and cold, so that its hardiness and well known resistance to winter killing have not only been maintained, but by constant selection, very much improved.

Recommended by agricultural colleges throughout the United States. Where extreme temperatures are experienced, Grimm alfalfa has demonstrated its ability to withstand the severe winters and burning drouth. We give an affidavit that all Grimm sold by us is genuine and to be seed of known pedigree. Where "winter killing" is a problem—USE GRIMM.

COSSACK

We believe Cossack is a hardy variety and suited to the northern sections, not any harder than Baltic or Grimm, but there may be districts where it would excel.

You will find that it has an abundance of tender, leafy hay and will be greatly relished by live stock. Give it a trial if you like the best.

HARDISTAN

A strain of alfalfa discovered in Nebraska which trials have proved to be resistant to both wilt and cold. It was named Hardistan because of its hardiness and Turkestan origin. If you are having trouble with bacterial wilt (aplanobacter insidiosum) then we would recommend your trying Hardistan, as so far it seems to be the alfalfa most generally resistant to wilt and cold that has been discovered.

DAKOTA NO. 12

In our producing districts, fields of Dakota No. 12 thirty to forty years old are very common. It is a plant which has developed the hardy characteristics in a very severe climate and has stood the test. Genuine Dakota No. 12 comes to you in sealed bags. This is your protection.

BALTIC

A comparatively new variety of hardy alfalfa. U. S. Bulletin Number 757 says: "This variety is recommended for sections where ordinary strains suffer considerable loss through winter killing. The quantity of Baltic seed produced in the United States is rather limited and precautions are necessary in purchasing it."

Dakota Improved Seed Company are the promoters and breeders of the Baltic alfalfa. Placing your order with them assures you will get the original Disco Baltic alfalfa seed.

LADAK

The U. S. Department of Agriculture found the natives of Ladakh, a province of northern India, cultivating this variety at an elevation of 12,000 feet where the rainfall is around 4 inches per year, and blizzards occur at any month of the year.

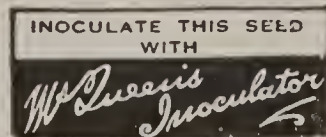
A few seeds of this were brought back and given to Montana farmers for experimental purposes. They noticed at once that the plants stood the severe winters and did better in hot, dry weather than ordinary alfalfa. When planted on wilt infected soil it stood again as long as other varieties before being killed out. Give this a trial because all experiments show that it is a coming leader.

"DISCO" NO. 28

The demand for this excellent alfalfa not only in the northwestern states, but also in the eastern and southern states, has been phenomenal. Our greatest problem, as a rule, has been to be able to supply the demand. It is the most universally popular and useful of our Regional Strains, and we have had to increase our acreage several times. This year, with short crops in all our growing sections, we were quite apprehensive of being able to supply our normal demand. Reports from our customers indicate that it still retains its position of leadership in resistance to winter-killing, in resistance to the growth of pigeon grass and other similar foes of alfalfa, and in the heavy yield of hay. We heartily recommend this variety.

Send for this Booklet
"GROWING ALFALFA
SUCCESSFULLY"

IT'S FREE



For Customers Who Prefer Not to Pay for Pedigreed Alfalfas
We Provide These Common Varieties of

HARDY DOMESTIC GROWN COMMON ALFALFA

We have excellent stocks of seed grown in Montana, Wyoming, Nebraska, Kansas and Oklahoma. All grown under the severest possible climatic conditions. Grown on new land free from noxious weeds and free from disease.

HOUSES, MITCHELL, S. D.—EMMETSBURG, IOWA

"DISCO" SELECTED GRASS SEED

"The time is bound to come when more thought must be given the pastures of the Northwest. The native grasses must eventually give way to such mixtures that will produce a more continuous growth during the growing season, and much more feed."

The above article was written and published so long ago as 1917 in our catalog which was published that year. It was true then, but it is doubly true today, as native pastures have been degenerating, and, furthermore, the highly competitive nature of stock feeding today renders it necessary that the most up-to-date methods be used in every department, and perhaps in no department is there such a lamentable handicap being carried as in the pastures.

We strongly recommend that stock raisers contemplating improving their pastures act conservatively, beginning with a comparatively small area, which should be prepared just as well as it can be prepared. The trouble has been in the past that attempts have been made to change the picture all in one season. This might have been accomplished if weather conditions had been ideal, but it is very seldom that we have ideal weather conditions, and, furthermore, there is a great deal yet to learn in the matter of suitable pastures on every farm, and a conservative policy of going slowly and deciding that it is better to take several years to accomplish what you set out to do, and do it well, than to attempt to do it all in one year, and fail.

To survive and prosper American farmers must give more heed to grasses and clovers not only for their own sake, but for the land's sake, and for future generations. A great and far seeing British agriculturist has laid down the maxim "The land is more important than what it grows." Follow a rotation which has for its final objective improving the fertility and physical condition of your farm. You will then be in a position to take advantage of any opportunity that presents itself.

BROME GRASS (*Bromus inermis*)

Also known as Austrian Brome, Hungarian Brome, Russian Brome, and Awnless Brome. Grows to an average height of 30 inches. The leaves are medium large and the leaf growth is very abundant. The roots push through the ground like those of quack grass, hence they soon fill the soil. Because of this quality this grass can endure any amount of cold. It is also able to stand any amount of heat such as is experienced in the temperate zone. It comes up in the spring earlier than any of the valuable grasses, and grows through much of the summer when a reasonable amount of moisture is present and continues to grow until severe frost. Essentially a pasture grass, but also makes good hay. Stock relish it and it will furnish pasture for a long period each year. Will grow and succeed in a greater variety of soils than almost any other grass.

CRESTED WHEAT GRASS (*Agropyron cristatum*)

Crested wheat grass is a hardy, drought resistant perennial bunch grass, native to the cold, dry plains of Russia and Siberia.

Crested wheat grass is the most promising grass available for pasture in the early spring. It starts growth soon after the ground thaws out and can be pastured from a week to ten days earlier than Brome Grass or Slender Wheat Grass.



Smooth Brome Grass

Crested wheat grass also has the ability to make greater growth in the fall providing it gets a few late rains. It may be seeded on sandy loam and give good results, but of course the best results will be obtained on the more fertile black soils. About 10 to 15 pounds of seed should be used to the acre when the grass is seeded with a grain drill. This is the best method of planting for hay or pasture, but if the plan is to produce seed it may be best to plant the grass in rows and cultivate. When sowing for seed use 4 to 5 pounds per acre for double rows 42 inches apart. Crested wheat grass hay is of excellent quality if cut soon after blooming. The hay in samples analyzed contained more protein than Brome or Slender Wheat Grass.

WESTERN RYE GRASS or SLENDER WHEAT GRASS (*Agropyron tenerum*)

So far this is the only grass among the hundreds growing wild on the prairies of the Northwest which has been found of sufficient value to give it a place among the cultivated grasses. This grass will perhaps be better known to many as bunch grass. Under cultivation it will grow to an average height of between 3 and 4 feet. One of the hardiest of grasses and will yield hay and pasture under very dry conditions. Will produce heavier yields of hay than Brome Grass but does not yield as good pasture.

"DISCO" SELECTED GRASS SEED

REED CANARY GRASS (*Phalaris arundinacea*)



Red Canary Grass

A HARDY PERENNIAL GRASS SUITABLE FOR HAY AND PASTURE

Boggy or marshy land can be transformed from a liability into an asset by seeding with Reed Canary Grass. One acre will pasture 3 to 4 cows and yields of 10 tons per acre are not unusual. Seed should be broadcast 5 to 6 pounds per acre, drilled 2 to 3 lbs. per acre in 16 to 18 inch rows. Can be sown early in the spring to give the seedlings a chance to get ahead of the weeds. It may be sown any time up to the end of October, or may be sown on the snow and left to settle with the weather.

TIMOTHY (*Phleum pratense*)

Almost too well known to necessitate any description. A hardy perennial, having strong resistance to both cold and drought. The seed being small, the ground should be well pulverized and the seed given just a light covering. Should not be cut too early or pastured too late in the fall. Timothy will produce from 1½ to 3 tons of hay per acre, and should be cut when just coming into flower.

MEADOW FESCUE or ENGLISH BLUE GRASS (*Festuca pratensis*)

A very useful grass for permanent pasture; makes excellent hay. Sow 15 pounds to the acre.



Meadow Fescue

DOMESTIC RYE GRASS (*Lolium Multiflorum*)

Well adapted for quick pastures, meadows and lawns. Can be closely cropped, and will give two and sometimes three good cuttings of hay in a season. Will thrive almost anywhere, but will give best results on moderately rich soil. Should be sown at the rate of 20 to 30 pounds per acre.

KENTUCKY BLUE GRASS (*Poa pratensis*)

Also known as "June Grass." Produces an excellent pasture of beautiful verdant green, and is particularly adapted for seeding on a pasture field surrounding the home, where a good sod is desirable. Sow from 30 to 40 pounds per acre.

RED TOP, Solid Seed (*Agrostis vulgaris*)

Also known as Herd's grass, grows most luxuriantly on moist, rich soils; very robust; produces strong, thick roots and makes a firm sod; very desirable for pasture purposes. Will succeed well on alkali land where other grasses fail. Sow 10 to 12 pounds of solid seed per acre.



Orchard Grass

ORCHARD GRASS or COCKSFOOT (*Dactylis glomerata*)

A very useful grass, sown alone or combined with other grasses for permanent pasture. One of the earliest grasses in the spring; unusually productive.

PERMANENT PASTURE and MEADOW MIXTURES

a.—For high and dry land. b.—For good, rich land, neither too wet nor too dry. Probably the most economical seeding for permanent pasture. We blend those most desirable grasses in proper proportions, to insure abundant pasture and maintain it for the longest possible time. Tell us your location and your soil conditions, we will gladly advise you. Estimate seeding, approximately 20 pounds per acre.

TIMOTHY and ALSIKE MIXTURE

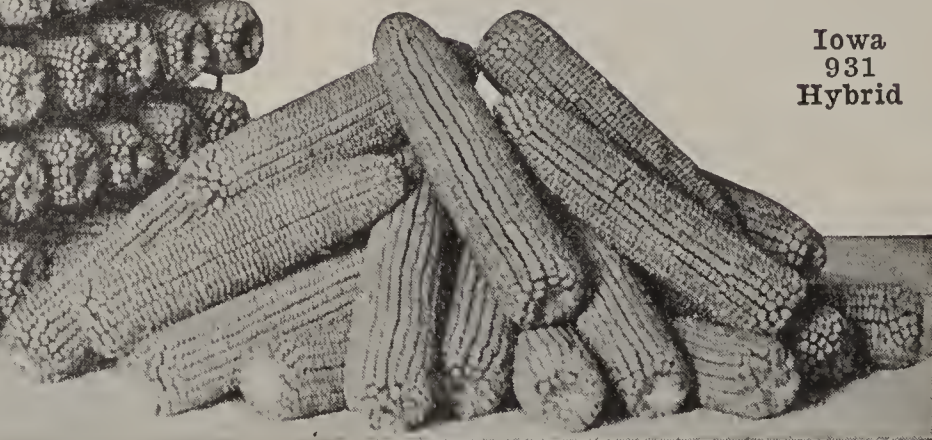
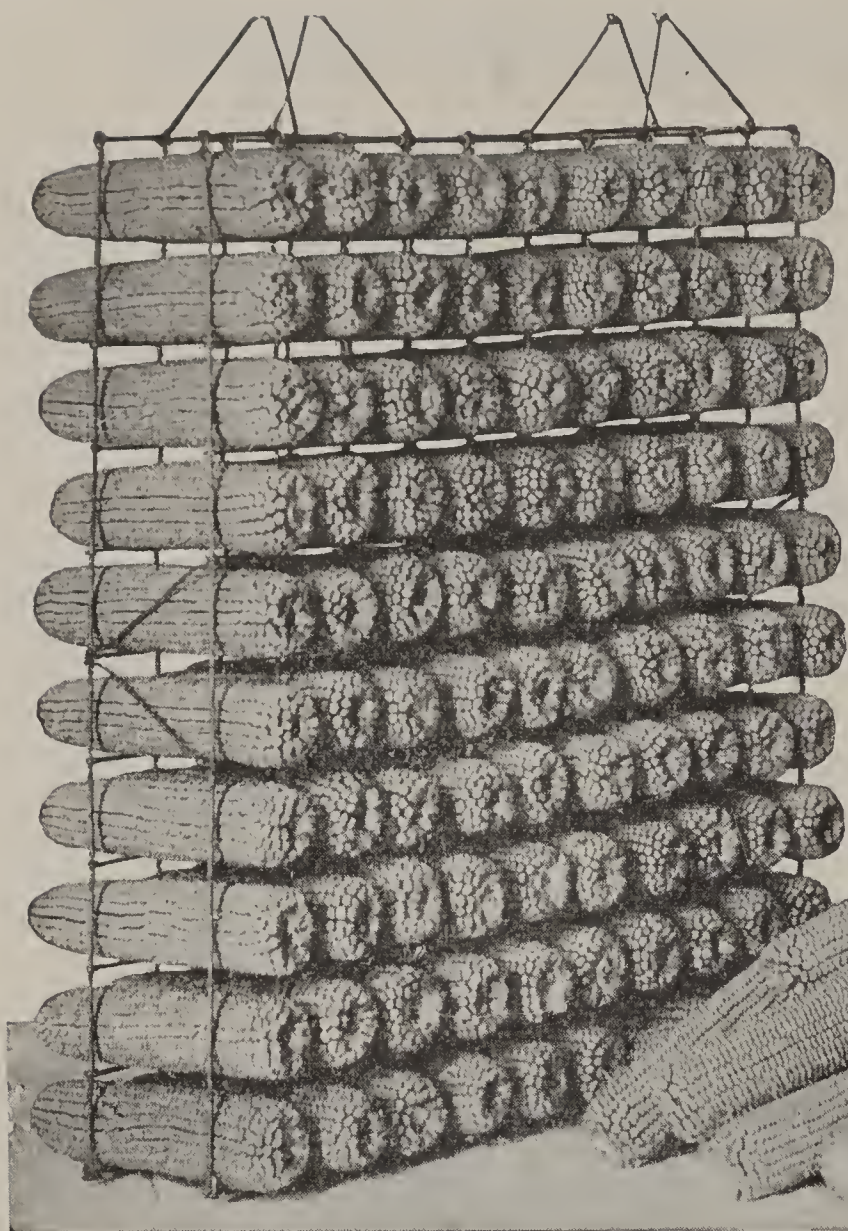
The mixture we offer of these two desirable grasses is blended in such proportions as years of experience have shown to give the most desirable combinations.

TIMOTHY and MEDIUM RED CLOVER MIXED

This also makes a very useful mixture for temporary meadow, and gives a heavy crop of excellent hay of high feeding value.

Disco

PEDIGREED HYBRID SEED CORN



Iowa
931
Hybrid

*Increased
Yields
from
Planting
Hybrid
Corn*

SORTING, GRADING, TREATING AND TESTING

Our seed corn is harvested early in the fall before hard freezing weather. When it comes from the fields it is hand selected, and placed in large ear corn driers where a large fan pushes 100 degrees Fahrenheit air through it. This method is used to dry the corn down to about 12 per cent moisture. Then it is shelled, graded and treated with mercury dust to assure a vigorous growth. Our seed is tested for germination and is guaranteed to grow 90 per cent or better.

Demand these features when you buy seed corn—Carefully stored and dried—germination guaranteed—15 days to test your purchase—money back guarantee. This is what you get in Disco Pedigreed Seed Corn.

PLEASE NOTE

An outstanding feature of the season is the performance of Hybrid corn. Reports from over the whole corn belt, from growers, county agents, corn breeders, experiment station workers, show a unanimity of opinion in favor of hybrid over open-pollinated. Superiority in standing and yielding ability.

OUTYIELDS OPEN POLLINATED VARIETIES

Hybrid seed corn outyields open pollinated varieties from 7½ bushels to 26½ bushels per acre. It has extra strong roots and stalks, making it less susceptible to lodging. It is rather expensive to produce as it entails great expense in detasseling the female rows, by hand, yet it is the cheapest corn for you to grow. Three of the largest corn producing states, Iowa, Indiana, and Illinois, had hundreds of thousands of acres of Hybrid corn planted last year. Their acreage is increasing by leaps and bounds, and the reason behind this is the increased yield of better corn per acre. In all corn growing sections farmers are taking advantage of the corn allotment plan in curtailing their acreage, but their yields haven't decreased any when they have switched from open pollinated to hybrid varieties.

VARIETIES OF HYBRID CORN

T 4 is suitable for southern South Dakota or southern Minnesota and Northern Iowa.

IOWA 931, for northern two tiers of Iowa counties, but best adapted for the second tier of counties.

IOWA 939, best adapted to tiers of counties 3, 4 and 5 when numbered from the north or central Iowa. This medium college hybrid is rapidly gaining in popularity. It is very similar to Iowa 942 with slight changes having been made towards an even stiffer stalk. This hybrid averages 10 to 15 bushels over the average open-pollinated varieties. Good sized ear, easy to husk.

DISCO SEED CORN

For those of our customers who for reasons best known to themselves prefer to use open pollinated corn, we take pleasure in submitting the varieties following below. All of them have been handled the same as our Hybrid strains relative to selection, grading and drying, and carry the same guarantee of germination and satisfaction.

YELLOW DENT REID'S RELIANCE

This wonderful corn, originated near Algona, Kosuth county, is a winner. A cross between Minnesota 13 and Reid's Yellow Dent. Stalks medium height, ears about 3½ feet from ground. Average from 8 to 9½ inches long, covered from butt to tip. Kernels deep, fairly broad, and contain a large percentage of protein. Germ large and thick, covering practically entire face of kernel. A variety which in a normal year will produce from 50 to 75 bushels per acre on good soil. Give it a trial.

REID'S

The largest variety grown in this section, requires 110 to 115 days to mature. Doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. Because of its large growth it is a very profitable variety to plant in the North for the silo. Ears average 9 to 10 inches in length with rows distinctly paired. Kernels are deep wedge shaped. The ideal corn where it can be safely grown.

MINNESOTA 13

Introduced by the Minnesota Agricultural College. The average ear is usually 7 to 9 inches long, medium depth kernels, averages 14 to 16 rows, 6 to 7 inches in circumference. This is one of the earliest Yellow Dent corns usually maturing in 90 days or less. You will find this an excellent corn for early hogging off purposes.

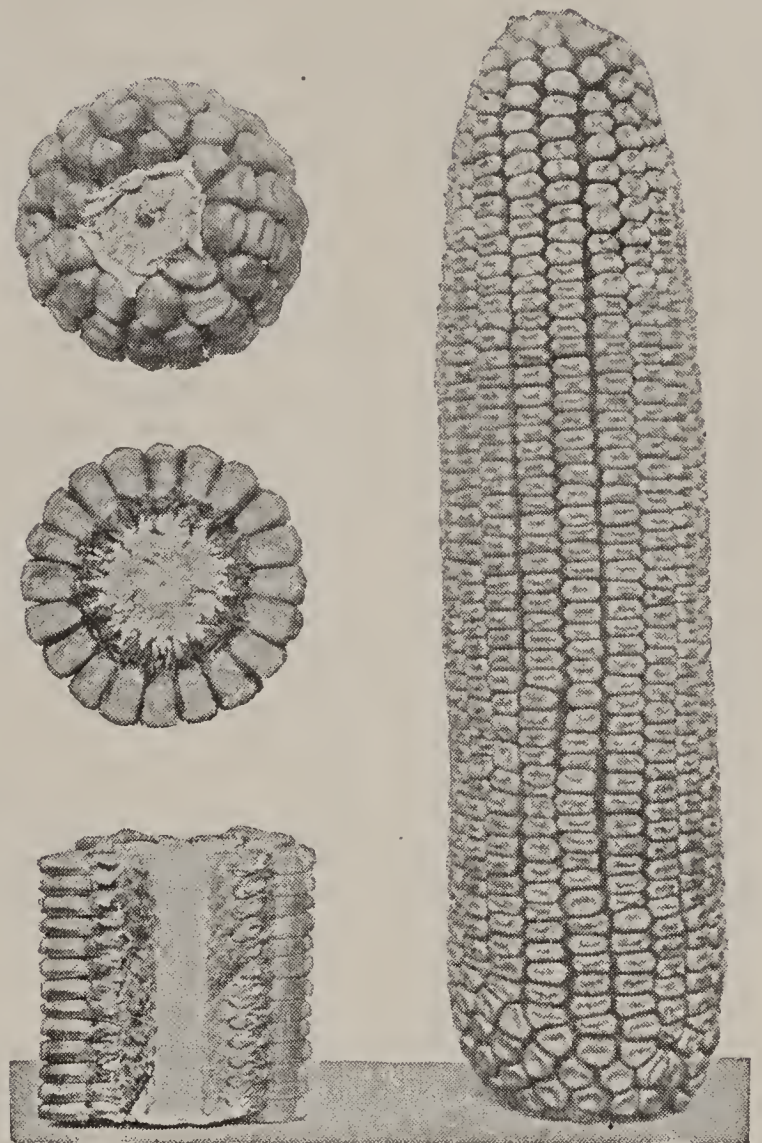
GOLDEN KING

The wonder corn of northern Iowa. Through a period of years this variety has stood at the top in competitive yield tests. The average ears are 8 to 9 inches long, have 16 rows; kernels blocky with medium smooth dent. Small cob giving the ear a high selling percentage. Medium early, usually maturing in 95 to 100 days under favorable conditions. We have Registered State Sealed Blue Tag seed of this variety.

EARLY MURDOCK

Earlier than Reid's Reliance, matures in 95 to 100 days. Stalks medium in height. Ears from 7 to 8 inches, having 16 to 20 rows. Kernels very deep, fairly broad, shell out heavily, of a light yellow color. We recommend it very highly for southern South Dakota, southern Minnesota, Wisconsin and northern Iowa.

HOUSES, MITCHELL, S. D.—EMMETSBURG, IOWA



Reid's Yellow Dent

WHITE DENT SILVER KING

A very early White Dent corn that will mature in 90 to 95 days under normal conditions. Ears 8 to 9 inches long with 16 rows of deep grain kernels. It will stand up better than the yellow varieties in wet or dry conditions.

CALICO DENT EARLY CALICO

Earlier than most large dent varieties. Is very popular as an early feeding variety and as a silage corn. Is a heavy yielder of both corn and fodder. Usually will do well on poor type soil where other corn fails.

DISCO EARLY YELLOW FLINT

Flint type of corn, very popular in northern states and Canada, matures in 75 to 80 days. Will make a crop under unfavorable conditions. Many plant a small field to hog down. When planted early it can be hogged down several weeks before any dent is ready.

RAINBOW FLINT

An unusually early variety, kernels being all colors of the rainbow. Very popular for late planting. Ears 12 inches long, corn of good quality, and yields well.

DISCO SOY or SOJA BEANS

It has been proved the last few years that Soy Beans can be grown successfully anywhere that corn is grown and is an excellent substitute. The plant is very resistant to many plant diseases that other crops are menaced with each year. The last few years they have become so popular that the Iowa farmer considers them secondary to corn. Just recently there have been companies formed who are taking an interest in using beans for commercial purposes. At the present time there are being made around fifty different commercial items. Soy beans have recently been put on the Chicago Board of Trade and will command a market the same as corn or any other grain.

In feeding value it is equal to alfalfa hay when fed as hay to cattle. The whole bean can be fed either cracked or uncracked to hogs and is a wonderful substitute for practically any of the grains.

HARVESTING

The soy bean crop should be cut when the pods are fully matured and the bean is in the hard-dough stage. For hay the bean should be mowed one month earlier while the leaves are still green and the bean is not fully formed. Do not store newly threshed beans in a deep bin unless they contain 12 per cent moisture or less as they will mould. It is best to spread them out thinly where they can be turned until the moisture evaporates before storing in a deep bin.

PLANTING

First prepare a firm seed bed with enough loose dirt to cover the bean. There should be enough moisture to start the bean growing promptly. Next use inoculation. This is one thing that should not be overlooked or you will be disappointed. By using inoculation you not only improve the soil, but you will also get a much larger yield of hay and beans. After this treatment drill the beans with a corn planter at the rate of 35 to 50 pounds per acre, 1 to 1½ inches deep. Give them a trial and you will be surprised at the results.

ILLINI

Pure line selection from A. K. variety produced by the Illinois Agricultural Experiment Station. Plants stout, erect, bushy, 36 inches high, maturing in about 105 days, flowers white; taking 55 to 65 days to bloom; pods 2 to 3 seeded; seeds, straw yellow with brown hilum; germ, yellow; oil, 18.6 per cent. About 2,750 to the pound. Yield 26.6 bushels per acre.

MANCHU

Plants stout, erect, bushy, 38 inches high, maturing in about 105 days, flowers both purple and white taking 55 to 65 days to bloom; pods 2 to 3 seeded; seeds straw yellow with brown hilum; germ, yellow; oil, 18.9 per cent. About 3,325 to the pound. Yield 22.3 bushels per acre.



Illini

MUKDEN

Plants stout, erect, bushy, 36 inches high maturing in about 100 days; flowers, white and purple taking 50 to 60 days to bloom; pods, 2 to 3 seeded; seeds straw yellow; oil is 18.9 per cent. Yield about the same as Manchu and Illini. Mukden with a shorter growing season has a distinct advantage over other varieties in northern Iowa and South Dakota.

FIELD or SHELL BEANS

Grow these for winter use. All our seed is Dakota grown, perfectly acclimated and will grow quickly and mature rapidly.

GREAT NORTHERN—Originally grown by the Indians, very hardy and early; much improved by selection, and we consider them the best quality white bean in cultivation.

SMALL WHITE NAVY—Local grown so that their earliness is assured. Skin very thin and bean of excellent flavor.

FIELD PEAS

One of the best annual legume crops for the Northwest, as the cool temperature at night just seems to suit them, and they make their best growth under such conditions. If sown with oats they make excellent feed and are more easily harvested, and, if necessary, can be separated in cleaning.

CANADIAN FIELD—Grown to a height of four feet and will yield from 30 to 40 bushels per acre.

Improved **FORAGE** and **SOILING CROPS**



Sudan Grass

It is an acknowledged fact that in the Northwest forage crops have established themselves as a primary factor in successful farming, especially so if there are any milch cows or beef cattle to be fed. Where can you get any other class of feed which will produce the vast yields per acre that forage crops can and will produce.

Just a word of warning. Care will have to be taken not to sow any fodder crop seed before the ground is warmed up. Corn planting time or a little later is generally conceded to be about the proper time.

SUDAN GRASS

Do not attempt to sow Sudan grass too early. It will not withstand frost. Leave seeding until after corn planting. Sudan is the ideal catch crop for hay. Will make a summer pasture within thirty days; its best growth being secured in hot, dry weather. Produces at least two cuttings of hay the same year—maybe three. It yields three to five tons of palatable, nutritious hay per acre. Broadcast 20 to 25 pounds. Drilled, 15 to 20 pounds per acre. Twenty acres will make more pasture during the hot summer months than 640 acres of native grass. See U. S. Government Bulletin.

SORGHUMS FOR FODDER

WACONIA SORGHUM—This variety is considered the outstanding cane of all the sorghums for stock. It grows taller, yields more, and is by far the sweetest. It is considered the best for sorghum syrup. Our stock of seed is the pure Waconia and is the best quality we have had for years, so take no chances on substitutes. Drilled 10 to 12 pounds per acre.

EARLY BLACK AND RED AMBER—The Ambers are the earliest of all the fodder canes. Will stand extremely dry, hot weather. Considered excellent for feeding stock. Sow 40 to 60 pounds broadcast; 10 to 12 pounds drilled per acre.

HONEY DRIP—Very similar to Colman Sorghum and Red Amber, with stouter, more erect stem and usually a higher sugar content. In great favor in many districts of South Dakota and Iowa. We have an excellent stock of high germinating seed, the quantity, however, is limited.

ORANGE SORGHUM—The Orange sorghum is two weeks later than the Amber canes. This variety will produce larger stalks and more abundant leaves. A very heavy yielder and next to Waconia in sweetness. Withstands dry conditions. Sow 10 to 12 pounds per acre.

SORGHUMS FOR GRAIN

KAFFIR CORN—Stalks grow from 5 to 6 feet tall, are very leafy, make excellent feed for all live stock. When cut for seed it will yield as much as 35 to 50 bushels per acre. Drill 8 to 12 pounds per acre.

FETERITA—One of the outstanding grain sorghums. Early and very drouth resistant, grows 5 to 6 feet tall and has abundance of leaves which make excellent fodder. The grain is ideal for all live stock. Drill 8 to 12 pounds to the acre.

GROHOMA—Produces an extra heavy thick leafy stalk, 4 to 5 feet tall. When growing it looks very much like corn. Later than any of the other varieties and produces a big yield of fodder. The grain makes fine feed for all live stock.

MILO MAIZE—Grows 4 to 5 feet tall, has thick stalks and an abundance of leaves, is used for fodder although it has not a sweet stalk. The grain is excellent for all types of live stock, and is a good yielder.

SOONER MILO—The most highly recommended of all the grain sorghums for grain purposes. Grows around 4 feet tall and will produce as much as 50 bushels of grain per acre. The grain will practically equal corn as feed. The plant will stand dry weather much better than any type of corn. Extensive trials supervised by the South Dakota Agricultural College and by county agents throughout the state list Sooner Milo as one of the most promising grain sorghums on the market today. Try this excellent grain producer. You will not be disappointed.



Sooner Milo



Dwarf Essex Rape

Disco Millets

All millets require a rich, mellow soil, as the roots penetrate only a few inches under the surface, and they should have a rather heavy clay loam that will hold moisture close to the surface.

Use any of the millets as a catch crop after early maturing small grain crops. We suggest that you double disk and drill in your seed in the dry districts. We advise sowing millet any time after the soil is warm until the first of August.

GERMAN MILLET—The most popular millet on the market, has great stooling habits, and is very leafy and bushy, grows 3 to 4 feet high, one of the best millets for hay, and should be cut when in full bloom. Will make a crop in two months. Protect your hay requirements this year by putting in an adequate acreage of German millet. Sow 25 pounds per acre.

HUNGARIAN MILLET—This variety is highly regarded for hay purposes, and is one of the heaviest yielders of all millets, is drouth resistant, and will do its best in cool northern climates, is considered equal to any millet in feed value, grows 4 to 5 feet tall. Convince yourself by giving it a trial. Sow broadcast 30 pounds to the acre.

SIBERIAN MILLET—A very fine millet. Unusually early, extremely hardy and withstands drouth. The plant shows remarkable stooling habits, and is a good producer. Sow 30 pounds to the acre.

JAPANESE—Justly called Billion Dollar grass. Will grow from 6 to 9 feet tall. Stands up remarkably well and yields enormous crops. The hay is tender and highly relished, and in nutritive value exceeds most canes and millets. Excellent for working horses. Sow 20 pounds to the acre.

HOG or BROOM CORN WHITE PROSO—Grows from 18 inches to 36 inches. Yields an unusually heavy crop of seed from 60 to 70 bushels per acre. The seed will mature and be ready to harvest about two months after the date of seeding. For hay purposes use from 30 to 40 pounds, and for seed from 8 to 12 pounds per acre.

EARLY FORTUNE RED PROSO—Is the same type as white proso except that the color of the seed is red. Sow the same amounts as proso millet.

WRITE FOR SPECIAL BULLETIN ON JAPANESE MILLET—FREE

Dwarf Essex Rape

The Finest Investment in Agriculture

It is considered a valuable feed crop for young stock, as rape contains the necessary elements which will give them proper growth. It is so reasonable in price that the money you invest in the price of the seed will be paid back many times. All sheep raisers know its value and they would not undertake to raise sheep without an adequate acreage of rape. It is also relished very much by cattle and hogs. Calves and young pigs show a marked increase in weight and growth when pastured on rape. Sow from April to August, 6 to 7 pounds per acre.

DISCO IMPROVED SEED GRAINS

If you are in the market for new strains of Seed Grain, it will pay you to write us, as we are in close touch with some of the best growers of wheat, oats, barley, rye, speltz, flax, buckwheat, sunflower, etc. All seed grains put out by us are thoroughly re-cleaned and free of any noxious weeds.

SPELTZ

A grain that will do well on most any kind of soil, or climatic condition. High in food value and an excellent feed for hogs, you will be able to raise this where wheat will fail, give it a trial.

FLAX BISON

This is considered the outstanding flax on the market today because it is very wilt resistant, and is a heavy yielder. Plan now to put in a few acres. Do not wait till all other crops fail and it is too late.

PREVENT LOSSES BY USING SEED DISINFECTANT



New Improved Ceresan. A new low cost grain disinfectant. Cost only 1 7/8 to 2 1/2 cents per bushel. Frequently improves the stand and yield of grain one to five bushels per acre. Easily and quickly applied by 3 turnings with a shovel. Seed should be treated 24 hours before planting. One pound treats 32 bushels of wheat, oats or barley. 1 lb. tin, 70c; 5 lb. tin, \$3.00. Can be sent by mail, postage extra.

"Disco" Evergreen Lawn Grass



IMPORTANT

We pride ourselves on our knowledge of the various grass seeds which are suitable for lawns in the different sections of the country. Please write to us, advising the type of soil you have. Tell us what exposure the lawn will have, and whether or not you have facilities for watering the lawn. Then tell us the dimensions of your lawn, and we will quote you a delivered price on the mixture which will give you the best results, and tell you how much seed will be required.

You Can Be Sure of a Good Lawn if You Plant Disco Grass Seed and Follow Our Instructions in Preparation and Planting

The making of a beautiful lawn lies largely in the thorough preparation of the soil before the seed is sown. The soil should be thoroughly harrowed and raked to as fine a condition as possible, as well as to level it. Sow the seed as early in the spring as convenient—the earlier, the better—or, better still, in the fall. Recent careful experiments we have made convince us of the many advantages of fall seeding, and after the seed has been sown it should be raked lightly, then thoroughly rolled.

No one kind of grass will make a lawn that will keep beautifully green throughout the entire season, but a mixture of several is essential. Our "Disco Evergreen Mixture" is one of the most satisfactory mixtures, unsurpassed by any general lawn mixture on the market. Established lawns can best be kept up by regular sowings throughout the spring and summer.

DISCO EVERGREEN MIXTURE

Long experience in the preparation of Lawn Mixtures has resulted in this now famous blend. Disco Evergreen represents the very finest scientific combinations of dwarf and close growing grasses, producing a soft, velvety turf in remarkably short time. Made up entirely from our own exclusive formula, blended in proportions we know to be just right for our rigorous climatic conditions. $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 3 lbs., \$1.15; 5 lbs., \$1.75, postpaid. Special prices for larger quantities.

SHADY NOOK GRASS

This mixture is composed entirely of grasses that grow under trees and in more or less dense shade. The best mixture obtainable for shady places. $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25, postpaid.

DISCO CREEPING BENT GRASS MIXTURE

A mixture of those marvelous Bent Grasses which have revolutionized lawn making. Will produce a much finer textured turf than ordinary mixtures. The creeping character of these grasses cause them to "mat" and produce the soft, luxuriant feel of an expensive rug. Requires good soil, adequately fertilized, sunlight, moisture and average care. Sow at the rate of one pound per 250 square feet or 175 pounds per acre. $\frac{1}{2}$ lb., 45c; 1 lb., 75c; 3 lbs., \$1.90; 5 lbs., \$3.00, postage paid.

WHITE DUTCH CLOVER

A dwarf-growing clover. Very valuable for lawn purposes. Requires little care and maintains its dark green color with very little watering. Your White Dutch must be pure—cheap, impure seed will spoil your lawn. $\frac{1}{2}$ lb., 35c; 1 lb., 60c; 3 lbs., \$1.50; 5 lbs., \$2.25, postpaid.

Special Prices for Larger Quantities

GENUINE SEASIDE CREEPING BENT

Has many outstanding qualifications which favor it above all other varieties. Forms sod very quickly, spreads rapidly. Fine leaves, bright green color is especially well maintained during hot weather. Sow at the rate of 1 pound per 250 square feet. $\frac{1}{2}$ lb., 65c; 1 lb., \$1.20; 3 lbs., \$3.25; 5 lbs., \$5.00, postpaid. Special prices for larger quantities.

VIGORO

For the lawn and all-around purposes Vigoro is the finest odorless fertilizer and plant food obtainable. It is easy to apply, and furnishes to plant life all of the different elements necessary for normal, healthy growth. In making a new lawn apply 4 pounds of Vigoro per hundred square feet, mixing it thoroughly with the top soil. Apply Vigoro evenly. In early spring before the grass starts to turn green apply 4 pounds per 100 square feet with the Vigoro spreader. If this is applied before growth is started, it will not be necessary to water it in. Price, 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00. Postage or express extra.

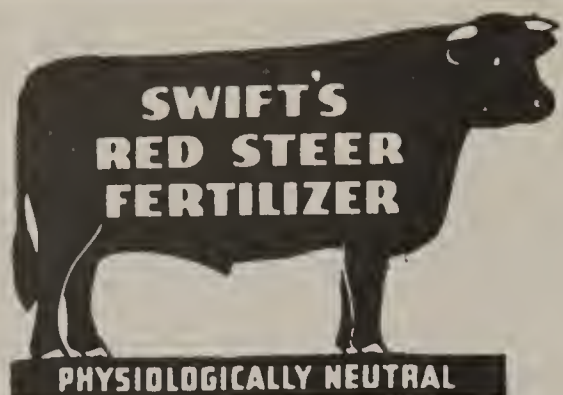


KENTUCKY BLUE GRASS

FANCY CLEAN

Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a lawn grass. $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 3 lbs., \$1.00; 5 lbs., \$1.50, postpaid.

Special Prices for Larger Quantities.



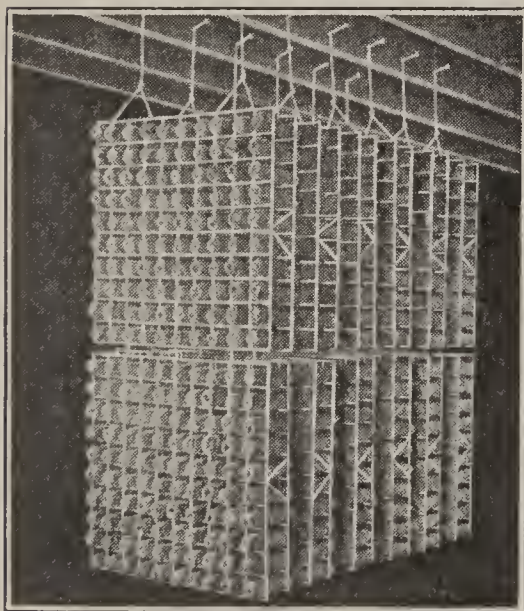
and NON-ACID FORMING

Every year more of our customers are proving that the right fertilizer is a profitable investment. They report bigger yields, better quality crops, and perhaps more important on corn, they get earlier maturity—with consequent less danger of damage from an early frost.

Experiments also prove that crops grown with the right fertilizer have a higher feeding value than ones which are not fertilized.

We recommend Swift's Red Steer Fertilizers, believing they are the best made. This is the only fertilizer that is both Non-Acid Forming and Physiologically Neutral. This means no harmful acid residue will be left in the soil as may be true with ordinary fertilizers. We strongly urge you to try some Swift's Red Steer Fertilizers this year. Your initial cost per acre will be very small, and we feel sure that its use will mean more profit for you.

See us for more information on proper analysis, amount to use, and how to apply.



MARTIN CORN KING SEED RACKS

Prepaid Parcel Post

One Rack.....	\$1.95
Two Racks.....	3.20
Three Racks	4.45
Four Racks	5.70
Five Racks	6.95
Six Racks	8.20

One dozen racks by prepaid freight \$13.25

Terms:
Cash with Order



HUDSON COMPRESSED AIR CLIMAX SPRAYERS

Very useful for spraying insecticides, fungicides, white wash, cold water paints, etc., in such a variety of places as the garden, orchard, and vineyard, poultry house and dairy barn. Tank capacity approximately 3½ gallons, pump diameter 1¾ inches, length 14 inches. Galvanized tank, \$3.75; Copper tank, \$6.00. Shipping weight about 10 pounds. F. O. B. Emmetsburg.

ACME NICOTINE POULTRY DELOUSER A Proven Product

Paint the Perches. Nothing You Can Do for Your Flock Will Pay Greater Dividends.

Patented formula spreads farther, lasts longer. Apply in the fall or by all means before brooding time in the spring. One pint treats 300 to 400 running feet of perches or 450 to 600 chickens.

2 oz. tubes, 35c each; 5 oz. tubes, 85c each; pints, \$2.00 each; quarts, \$3.00 each; gallons, \$8.50 each.

FARM ACCESSORIES

CYCLONE SEEDER—The Cyclone has a national reputation as a high grade seed sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. Just the thing for sowing all kinds of clover and grass seed, millet, rape and even grain. Price reduced \$2.00, by mail, \$2.50.

ACME SELF-LOCKING TUBULAR POTATO PLANTER—Adds greatly to the ease and speed of planting. No stooping necessary. Plant your potatoes at any depth desired without digging a trench to plant in. Saves time and labor. Each, by express, \$1.00.

THE ACME HAND CORN PLANTER—It is light, strong and easy to handle. Well made and will give satisfaction. Price with Fertilizer Attachment, \$1.00. Price with Pumpkin Seed Attachment, \$1.00, by express at purchaser's expense.

"BABIE" CHICK FEEDER—This chick feeder enables you to feed the small chicks without trouble. Scatter the feed inside where the small chicks can eat it without interference by the larger ones. Saves feed and insures strong, healthy chickens. 50c each. Prepaid, 75c.

INCUBATOR THERMOMETERS—\$1.00 each, postpaid.

POULTRY PUNCHES—15c each, postpaid.

PREVENT LOSSES BY USING SEED DISINFECTANTS

Can be Sent by Mail, Postage Extra

NEW IMPROVED CERESAN—One pound treats 32 bushels of Wheat, Oats or Barley. 1-lb. tin, 70c; 5-lb. tin, \$3.00.

NEW IMPROVED SEMESAN JR.—A dust disinfectant for seed corn. 4-oz. tin, 35c; 1-lb. tin, \$1.00; 5-lb. tin, \$4.75; 25-lb. pail, \$21.00; 100-lb. drum, \$83.00.

SEMESAN BEL—A dip for Seed Potatoes. 4-oz. tin, 45c; 1-lb. tin, \$1.50; 5-lb. tin, \$6.75. One pound treats 60 to 80 bushels.

SEMESAN—A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases. 2-oz. tin, 35c; 1-lb. tin, \$2.25; 5-lb. tin, \$9.90; 25-lb. pail, \$45.50; 100-lb. drum, \$180.00; 300-lb. drum, \$535.00.

ACME APHIS SPRAY—An improved nicotine spray combining soft fish oil soap with Black Leaf 40. 3-oz. collapsible tube, 35c; 12-oz. collapsible tube, 95c; 2½-lb. can, \$2.25, postage extra.

HUDSON GARDEN PLOWS

This adjustable plow is especially attractive in that it can be adjusted to suit the operator's individual requirements as to height, and to meet the needs of

the soil with respect to the pitch of the various tools. One of the most substantial, lightest running and most convenient of all plows. Double pointed shovel made of plow steel, edges sharpened and lacquered; a combination five-tooth cultivator and scuffle hoe. Wheel 24 inches in diameter, 1¼-inch tire, insures easy traction. Shipping weight 18½ lbs. \$3.45 each. F.O.B. Emmetsburg.



No.

30th Anniversary Novelties

ALL-AMERICA  SELECTIONS



New!
COLLALETTE MARIGOLD
CROWN OF GOLD

Gold Medal—All-America Selections
See page 17 of catalog



Nasturtium, Glorious Gleam Hybrids
Award of Merit—All America Selections
See page 17 of catalog

30th Anniversary Special

One packet each of these
4 Prize Winning Novelties.
Postpaid

50c



Zinnia, Fantasy Finest Mixed
Award of Merit—All America Selections
See page 18 of catalog



Cornflower, Dwarf Jubilee Gem
Award of Merit—All America Selections
See page 15 of catalog



Disco Kidney Wax Pod Beans
Early Blood Turnip Beets

Thomas Laxton Peas
Early Fortune Cucumber

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SEEDS

Highest Quality Seeds for Farm and Garden

DAKOTA IMPROVED SEED COMPANY

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